ST60B-2010

ERCB

Upstream Petroleum Industry Flaring and Venting Report

Industry Performance for Year Ending December 31, 2009

November 2010

Energy Resources Conservation Board

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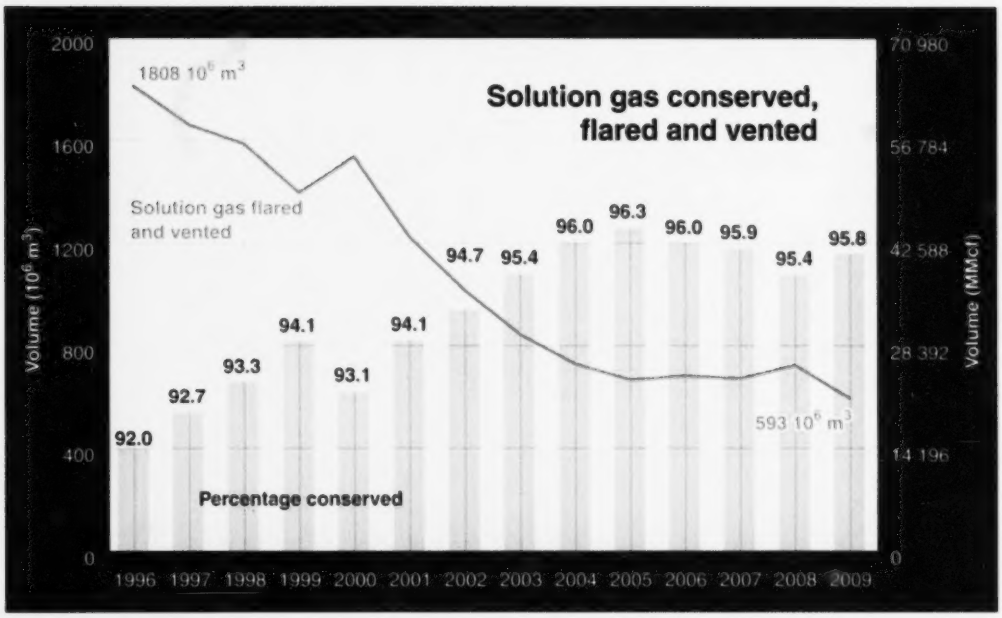
Executive Summary

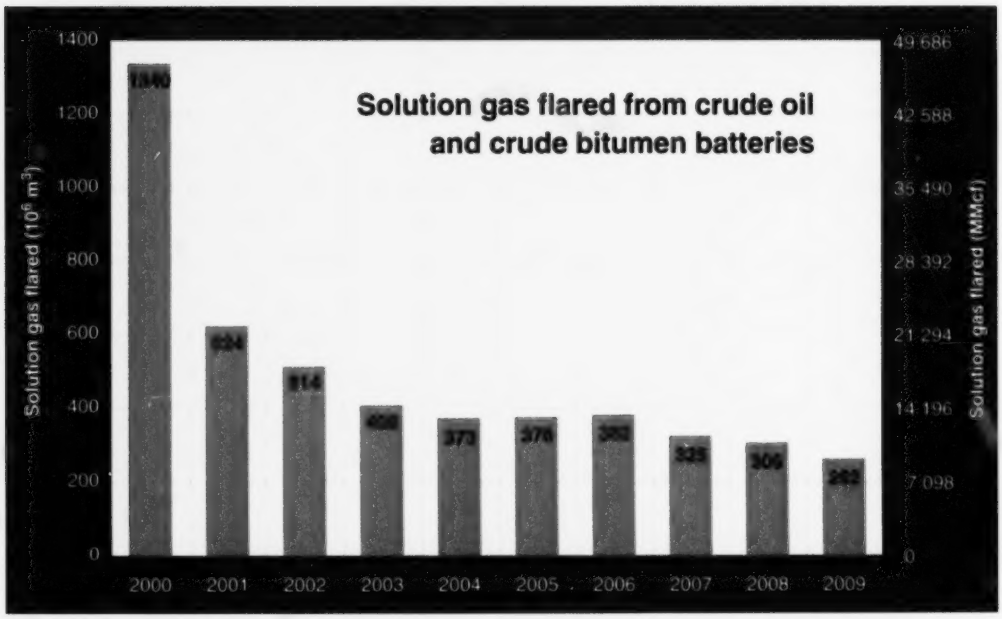
Solution Gas Conservation

Solution gas conservation in 2009 was 95.8 per cent.



Solution Gas Flared

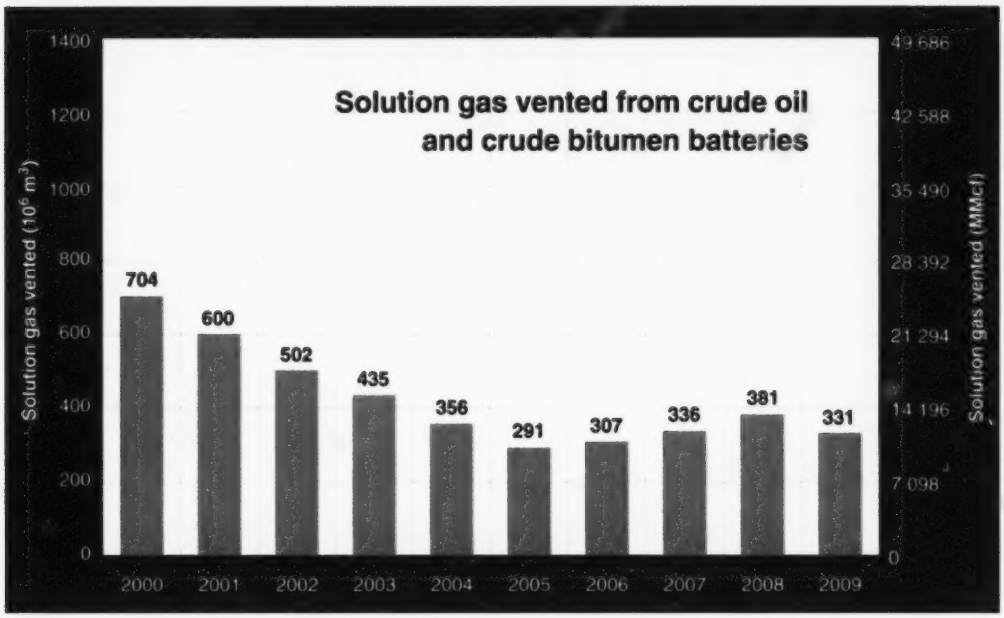
Solution gas flared in 2009 was 80.4 per cent less than the 1996 flaring baseline.



For the third consecutive year, the decrease in solution gas flared (14.2 per cent) from the previous year can be attributed to the decline in new conventional oil production. It can also be correlated to the decline in volumes of solution gas formerly being flared and now being vented because rates have dropped to a point where the flares can no longer sustain stable combustion.

Solution Gas Vented

Solution gas vented in 2009 was 53.0 per cent less than the 2000 venting baseline.



In *ST60B-2004: Upstream Petroleum Industry Flaring and Venting Report, 2003*, the Alberta Energy and Utilities Board (EUB; now the Energy Resources Conservation Board [ERCB]) made commitments to identify and implement a number of conservation measures aimed at reducing the volumes of solution gas vented from crude bitumen operations. As a result of the ERCB implementing the measures and industry awareness of them, there was a net decrease in venting from crude bitumen batteries between 2004 and 2009.

In 2009, there was a 12.1 per cent decrease in venting from crude bitumen batteries to 225 million cubic metres (10^6 m^3) (7993 million cubic feet [MMcf]) from 256 10^6 m^3 (9088 MMcf) in 2008.

In 2009, crude bitumen production increased by 8.4 per cent to 38.2 10^6 m^3 from 35.2 10^6 m^3 in 2008.

Discussion

The primary focus of the *ST60B* report is to address solution gas flaring and venting. It also deals with flaring and venting of gas from all other upstream sources, including gas plants and gas batteries, gas gathering systems, pipelines, and well testing. In 2007, flared and vented volumes from unconventional sources, such as coalbed methane and shale gas, were also reported for the first time. Although the volumes of gas flared and vented at these individual sources are generally smaller than at oil production sources, the ERCB continues to encourage further reductions in flared and vented gas from all upstream petroleum industry sources.

Between 1996 and 2005, significant progress was made in reducing solution gas flaring and venting in Alberta. However, since 2006, while the trend in flaring has continued to drop, the trend in venting increased until 2008. In 2009, solution gas venting decreased by 11.4 per cent compared to 2008. Overall, solution gas conservation dropped from 96.3 per cent in 2005 to 96.0, 95.9, 95.4, and 95.8 per cent in 2006, 2007, 2008, and 2009 respectively. As in 2006 and 2007, the main reason for the drop in conservation in 2009 compared to 2005 is increased solution gas venting in heavy oil and crude bitumen production.

It should be noted that some of the 2008 numbers used in this report for comparison purposes are different from the numbers reported in the *ST60B-2009* report. After the *ST60B-2009* report was released, it was determined that vented volumes reported at some facilities were overstated. The corrected vented numbers for 2008 are used in this report.

Solution gas conservation feasibility is determined by an economic test, as specified in Section 2 of *Directive 060: Upstream Petroleum Industry Flaring, Incineration, and Venting*. In times of high oil prices, high labour and services costs, and relatively low gas prices, this economic test is not likely to require gas conservation, especially in cases of marginal solution gas production.

For the purposes of this report:

- Conservation (C) is defined as the volume of gas produced (P) minus flared (F) and vented (V) volumes divided by the volume of gas produced: $C = (P-\{F+V\})/P$.
- All reported flared volumes include gas that was incinerated, unless otherwise stated.
- Venting is defined as the non-combusted release of gas to the atmosphere

For information on flaring, incineration, and venting requirements, see *Directive 060*. If you have questions regarding flaring, incineration, venting, or this report, contact the ERCB Technical Operations Group through the Customer Contact Centre at 403-297-8311.

1 Introduction

The reduction of routine flaring and venting of solution gas has been a priority for the Energy Resources Conservation Board (ERCB) since 1938. At that time, the Turner Valley Gas Conservation Board was formed to address problems with reservoir management, including the wasteful flaring of solution gas in southern Alberta.

Conservation of Alberta's energy resources, public safety, and the dissemination of information are core ERCB functions. The ERCB's activities and partnership work related to routine flaring and venting reduction address conservation and public safety. With this report, the ERCB fulfills its information mandate regarding flaring and venting. It is part of a commitment made in *Directive 060: Upstream Petroleum Industry Flaring, Incineration, and Venting* (Section 11) to make flaring and venting data more accessible.

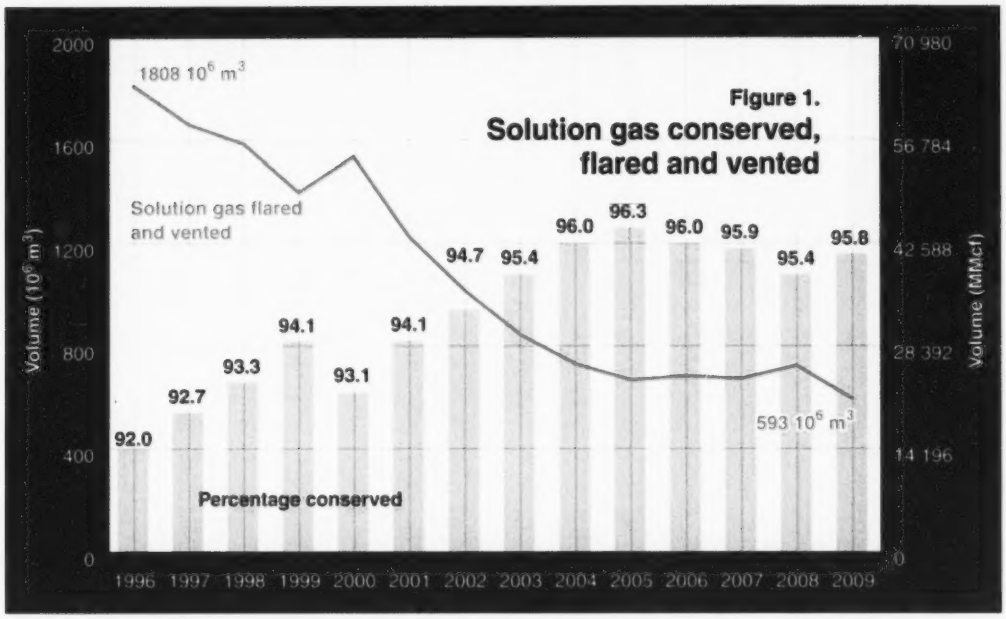
The ERCB, as a member of the consensus-based multistakeholder Flaring and Venting Project Team (www.casahome.org/?page_id=110.htm) of the Clean Air Strategic Alliance (CASA), participates in the development of recommendations encompassing an overall flaring and venting management framework for the Province of Alberta. The recommendations include the determination of flaring and venting baselines, flaring reduction targets, and operational requirements for the upstream oil and gas industry. The ERCB subsequently adopted the recommendations put forward by CASA and incorporated them into the 1999 version of *Guide 60: Upstream Petroleum Industry Flaring Guide* (subsequently known as *Directive 060*). Since then, enhanced regulation and enforcement, along with industry cooperation, have resulted in significant reductions in the volume of solution gas flared and vented.

In January 2007, a wholly revised edition of *Directive 060* was released. Again, this was a multiyear collaborative effort that incorporated the recommendations of four CASA Flaring and Venting Project Team reports. The new *Directive 060* is the clearest and most comprehensive set of upstream flaring and venting regulations released in Alberta (and Canada) to date. Even with the overall success experienced in Alberta, further reductions are still being aggressively pursued through regulatory enhancements, industry compliance and cooperation, and the collaborative nature of CASA (www.casahome.org).

Alberta's success in reducing flaring and venting has been acknowledged internationally. In 2002, the World Bank invited Alberta to participate in a Global Gas Flaring Reduction Initiative. The success of the Alberta flaring reduction efforts and the constructive CASA approach were attractive to the World Bank global efforts. The World Bank, drawing on its learning from the then Alberta Energy and Utilities Board (EUB, predecessor to the ERCB) and other international jurisdictions, developed and published its voluntary standard for global gas flaring reduction. The voluntary standard sets out a framework on how to achieve reductions in flaring and venting associated with crude oil production on a worldwide basis. In 2004, the EUB formally endorsed the Global Gas Flaring Reduction Standard. The ERCB continues to provide technical assistance in developing global standards and in developing regulatory capacity in member countries. Additional information regarding the World Bank's Global Gas Flaring Reduction Standard is available from the World Bank Global Gas Flaring Reduction Partnership (see its Web site www.worldbank.org/ggfr.htm).

2 Solution Gas Conserved, Flared and Vented, 1996-2009

Industry achieved a 95.8 per cent solution gas conservation rate in 2009, compared to 95.4 per cent in 2008, an increase of 0.4 per cent (see Figure 1).



The combined volume of flared and vented solution gas decreased to 593 million cubic metres (10^6 m^3) (21 059 million cubic feet [MMcf]) in 2009 from 687 10^6 m^3 (24 384 MMcf) in 2008.* This represents a decrease of 94 10^6 m^3 (3242 MMcf), or 13.7 per cent.

Since 1996, the level of gas conservation has risen continually, with the exception of the 2000, 2006, 2007, and 2008 calendar years. Figure 1 indicates that there was about a 1 per cent decline in conservation between 1999 and 2000. This can be attributed as follows:

- 0.4 per cent due to new development,
- 0.2 per cent due to improved measurement and reporting of vented gas, resulting in an increase in reported vented volumes, and
- 0.4 per cent due to a correction in misreported volumes of solution gas produced.

The decline in conservation in 2006, 2007, and 2008 of 0.3 per cent, 0.1 per cent, and 0.5 per cent respectively can be directly attributed to new development in heavy oil and bitumen areas.

The data from all crude oil and crude bitumen batteries were used in calculating the percentage of solution gas conserved. Gas conserved includes gas delivered to a pipeline for sale and that used as fuel for facilities and equipment, as well as for alternative uses, such as power generation.

* Actual values have been rounded to the nearest 10^6 m^3 and MMcf respectively. A factor of 35.494 was used to convert from 10^6 m^3 to MMcf.

3 Solution Gas Flaring and Venting Performance

The 2009 flared volumes were 80.4 per cent less than the 1996 flaring baseline, and the 2009 vented volumes were 53.0 per cent less than the 2000 venting baseline. Summaries of the actual reductions for the past ten years for flaring and eight years for venting are given in Tables 1 and 2.

Table 1. Solution gas flaring reduction (compared to 1996 baseline)

Year	Reduction (%)
1999	30
2000	38
2001	53
2002	62
2003	70
2004	72
2005	72
2006	71
2007	76
2008	77
2009	80

Table 2. Solution gas venting reduction (compared to 2000 baseline)

Year	Reduction (%)
2001	15
2002	29
2003	38
2004	49
2005	59
2006	56
2007	54
2008	43
2009	53

The years 1996 and 2000 were selected as the baseline years for solution gas flaring and venting respectively because these topics were addressed by the CASA Flaring and Venting Project Team with the latest data available at those times.

Crude bitumen batteries accounted for 47.0 per cent of the solution gas flared and vented in 2009, with 80.6 per cent of this volume being vented. The ERCB continues to work with all stakeholders, through CASA, to identify venting reduction strategies and opportunities to implement measures designed to achieve further reductions.

To accurately understand the increases and decreases in solution gas flared and vented, especially from heavy oil and crude bitumen operations, it is appropriate to standardize the flaring and venting numbers. By doing this, solution gas flared or vented can be more accurately reported, taking into account increases or decreases in overall solution gas production. The most effective way to demonstrate the real change in solution gas flared and vented is to report a conservation rate for each parameter (see Table 3).

Table 3. Solution gas conservation rates for crude oil and crude bitumen batteries, 2008-2009

Type	Conservation rate (%) 2008	2009	2009 vs. 2008 % change	Production 2009 vs. 2008 % change	Flared and vented 2009 vs. 2008 % change
Crude oil batteries	97.0	97.4	0.4	-6.8	-20.2
Crude bitumen batteries	83.5	85.0	1.5	2.9	-3.3
Crude oil & crude bitumen batteries	95.4	95.8	0.4	-5.6	-18.0

Discussion

Table 3 shows actual changes in solution gas conservation when adjusted for increases or decreases in overall solution gas production. As can be seen, conservation at both crude oil and crude bitumen batteries increased in 2009. Comparing 2008 and 2009 data, it can be seen that solution gas production at crude oil batteries has decreased, while at crude bitumen batteries there has been a modest increase. The table also shows that although solution gas production from crude oil batteries decreased in 2009, conservation increased slightly. Also, solution gas conservation increased in 2009 in crude bitumen batteries as solution gas production increased.

The revised edition of *Directive 060* came into effect at the end of January 2007. It requires that all solution gas flares or vents releasing more than 900 m^3/day be economically evaluated to see if gas conservation is viable. If the net present value (NPV) of the gas conservation project at crude oil batteries is found to be greater than negative $50 000, the well or battery must be shut in until the gas is conserved. At crude bitumen batteries, as soon as flow rates exceed an average of 900 m^3/day for any consecutive three-month period within a six-month window, companies have up to six months to conserve the solution gas if the NPV of the gas conservation project is greater than negative $50 000. The previous version of *Directive 060* required at minimum a neutral NPV before solution gas conservation was required.

Notwithstanding the change to the solution gas conservation NPV threshold, lower natural gas prices and higher pipeline and compression costs in 2009 continued to negatively impact conservation efforts.

Flaring from crude oil batteries decreased to 208 10^6 m^3 (7378 MMcf) in 2009 from 268 10^6 m^3 (9512 MMcf) in 2008. This represents a decrease of 60 10^6 m^3 (2130 MMcf), or 22.3 per cent.

Venting from crude oil batteries decreased to 106 10^6 m^3 (3757 MMcf) in 2009 from 125 10^6 m^3 (4437 MMcf) in 2008. This represents a decrease of 19 10^6 m^3 (690 MMcf), or 15.5 per cent.

Flaring from crude bitumen batteries increased to 54 10^6 m^3 (1931 MMcf) in 2009 from 38 10^6 m^3 (710 MMcf) in 2008. This represents an increase of 16 10^6 m^3 (574 MMcf), or 42.3 per cent. The volume of gas flared from crude bitumen batteries in 2006 was 39 10^6 m^3 (1384 MMcf).

Venting from crude bitumen batteries decreased to 225 10^6 m^3 (7993 MMcf) in 2009 from 256 10^6 m^3 (9088 MMcf) in 2008. This represents a decrease of 31 10^6 m^3 (957 MMcf), or 12.1 per cent.

The increase in solution gas conservation from 95.4 per cent in 2008 to 95.8 per cent in 2009 can be correlated with the following:

1) The low price of gas in 2009 (as in 2008 and 2007): Due to the global economic downturn and the increase in natural gas availability, the price for natural gas has remained low. This has led to decreased capital budgets for oil and bitumen development projects and, in turn, less flaring and venting due to testing, resulting in an increase in the conservation rate.

2) The number of bitumen batteries reporting production in 2009 decreased by 33, from 1427 in 2008 to 1394 in 2009. Although the average volume of gas flared per battery increased in 2009, the average volume of gas vented per battery decreased significantly. The average volume of gas flared in 2008 from bitumen batteries was 26.83 10^3 m^3 (1.0 MMcf) per year. In 2009, the average volume of gas flared from bitumen batteries was 38.7 10^3 m^3 (1.38 MMcf) per year. In 2008, the average volume of gas vented per bitumen battery was 204 10^3 m^3 (7.2 MMcf) per year. In 2009, the average volume of gas vented per bitumen battery was 161 10^3 m^3 (5.7 MMcf) per year.

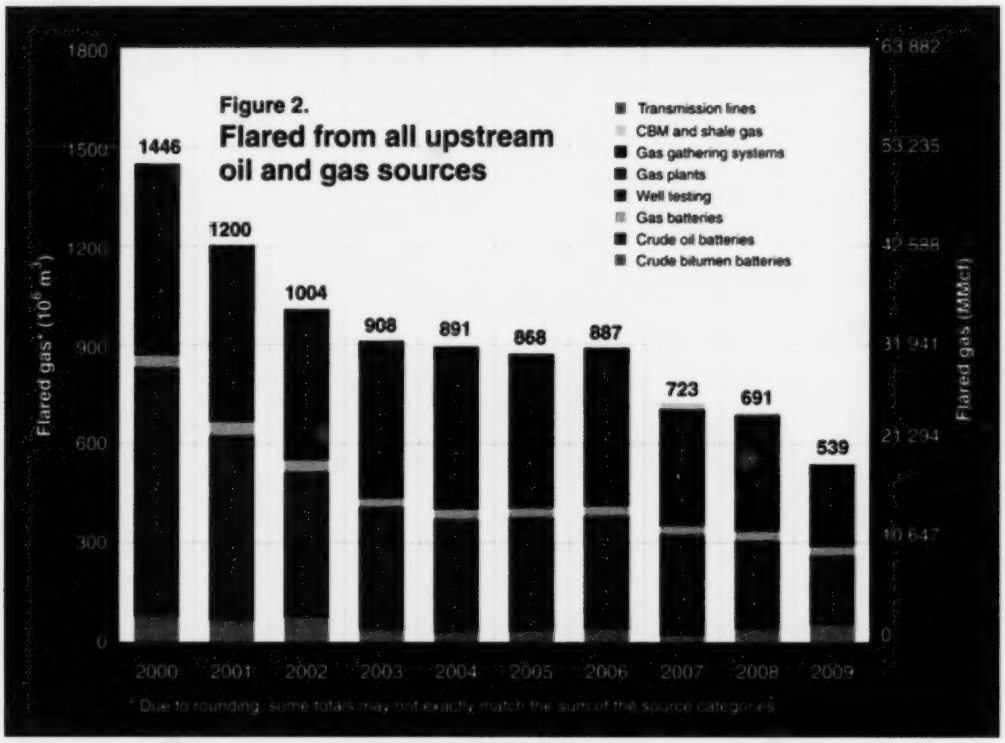
3) Improved measurement and reporting: Industry awareness of the issues surrounding venting of solution gas, especially in crude bitumen areas, along with more stringent measurement and reporting requirements (see *Directive 017: Measurement Requirements for Upstream Oil and Gas Operations*) has led to more accurate measurement and reporting of the volumes of gas being vented. In many cases, this increased accuracy is resulting in higher reported vented volumes.

The oil and gas industry is constructively using a large portion of produced solution gas from crude bitumen operations as fuel to run pump motors and tank heaters. Unfortunately, the remaining small volume of gas will rarely be economically viable to conserve. Notwithstanding the fact that gas conservation economics are more difficult respecting bitumen production, this increase continues to concern the ERCB.

More information on flaring and venting can be found on the ERCB Web site www.ercb.ca under Industry Zone : Rules, Regulations, Requirements : Flaring.

4 Flaring from All Upstream Oil and Gas Sources, 2000-2009

The total volume flared from all upstream oil and gas sources in 2009 was 539 10^6 m^3 (19 134 MMcf), a decrease of 22.0 per cent from 2008 (see Figure 2).



The data in Table 4 were used to prepare Figure 2.

Table 4. Flaring from upstream oil and gas sources (10^6 m^3)*

Year	Crude bitumen batteries	Crude oil batteries	Gas batteries	Well testing	Gas plants**	Gas gathering systems**	Transmission lines	CBM & shale gas	Total (10^6 m^3)	Total (MMcf)
2000	76	755	36	335	196	48	0	0	1 446	51 324
2001	66	558	41	326	159	50	0	0	1 200	42 593
2002	73	441	35	280	127	48	0	0	1 004	35 636
2003	36	372	25	284	149	42	0	0	908	32 229
2004	29	343	28	300	153	38	0	0	891	31 625
2005	33	344	27	287	147	31	0	0	868	30 809
2006	39	343	28	301	140	36	0	0	887	31 483
2007	20	305	25	201	124	28	0	20	723	25 662
2008	38	268	28	192	126	32	2	6	691	24 526
2009	**54**	**208**	**26**	**106**	**111**	**31**	**2**	**3**	**539**	**19 138**
2009 vs 2008	41.2%	-22.3%	-6.7%	-44.9%	-11.7%	-2.9%	0.0%	-42.1%	-22.0%	-22.0%

* Due to rounding, some totals may not exactly match the sum of the source categories.

** The figures for gas plants and gas gathering systems include both flared *and* vented volumes for the years 2000 to 2006.

In 2009, of 1048 gas plants reporting receipts, 421 gas plants flared a total of 111 10^6 m^3 (3923 MMcf), a 12.0 per cent decrease from 2008. All gas plant subtypes contribute to this report; they include sweet, acid gas flared, acid gas injection, acid gas flaring percentage, sulphur recovery, straddle, and fractionation. A total of 30 plants accounted for about 50 per cent of the volumes flared at gas plants in 2009.

In 2009, 50 per cent of the volume flared from gas gathering systems came from 18 of the 4390 systems.

Excluding well tests conducted in-line, the number of well tests flared in 2009 was 2699, compared to a total of 4123 in 2008, a decrease of 1424, or 34.5 per cent. The volume flared for well tests decreased by 43.65 per cent to 106 10^6 m^3 (3761 MMcf).

When considering all well tests conducted in 2009, the average gas volume flared per test was 39.25 10^3 m^3 (1.4 MMcf), compared to 45.6 10^3 m^3 (1.6 MMcf) per test in 2008, a decrease of 13.9 per cent (see Table 5).

Table 5. Average volume of gas flared per well test

Year	Volume (10^3 m^3)
2005	34.60
2006	40.82
2007	40.06
2008	45.60
2009	39.25

The ERCB is requiring companies to look for alternatives to well test flaring. This has been a requirement since *Directive 060* was originally released in 1999 (as *Guide 60*). Companies are required to test in-line when it is both economically feasible and safe to do so. Testing in-line can mean either connecting to an existing gas gathering system directly or laying a temporary surface pipeline to connect a well to a remote gas gathering system. In either method, the gas from the well test is conserved.

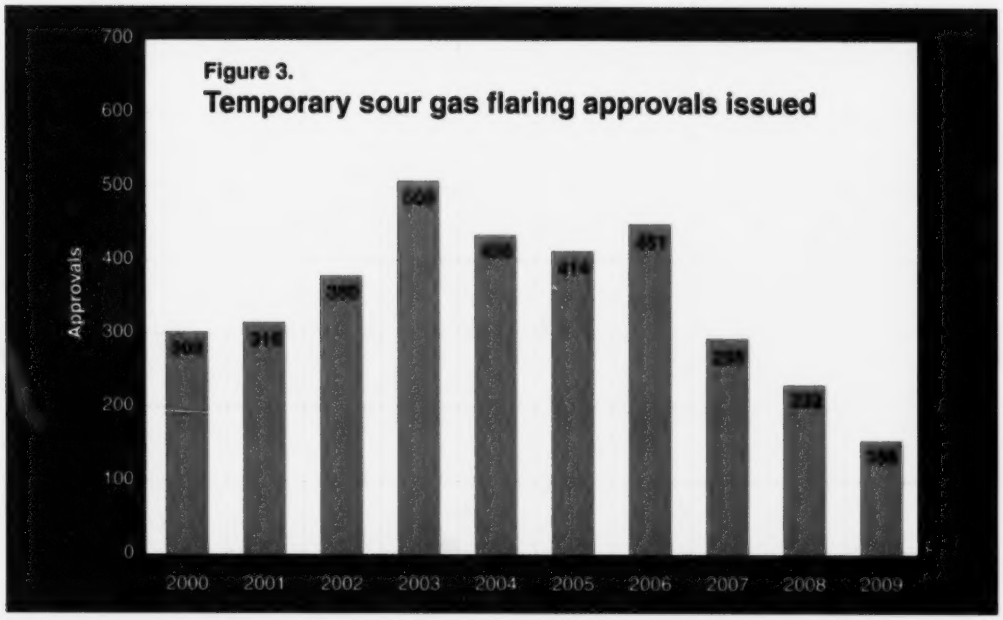
The data in Table 6 represent the flaring from well tests conducted by 25 companies in 2009 and the average volume of gas flared per test.

Table 6. Well test flaring, 2009: Ranked by number of well tests conducted

Company	Well tests (#)	Gas flared (10^6 m^3)	Gas flared (MMcf)	Average gas flared/test (10^3 m^3)	Average gas flared/test (MMcf)
EnCana Corporation	284	13.3	471.2	46.7	1.7
ConocoPhillips Canada Operations Ltd.	275	12.1	428.6	43.9	1.6
Canadian Natural Resources Limited	237	3.9	139.5	16.6	0.6
Shell Canada Limited	122	0.2	8.4	1.9	0.1
Suncor Energy Inc.	110	2.7	94.4	24.2	0.9
Direct Energy Marketing Limited	105	2.0	69.7	18.7	0.7
BP Canada Energy Company	100	2.1	74.3	20.9	0.7
Husky Oil Operations Limited	90	1.8	64.4	20.2	0.7
Devon Canada Corporation	88	2.4	84.1	26.9	1.0
Quicksilver Resources Canada Inc.	75	0.6	22.5	8.4	0.3
Tourmaline Oil Corp.	72	4.6	164.0	64.2	2.3
Talisman Energy Inc.	68	6.6	234.4	97.1	3.4
ConocoPhillips Canada Resources Corp.	63	3.0	105.3	47.1	1.7
Taqa North Ltd.	50	1.5	53.0	29.9	1.1
Penn West Petroleum Ltd.	49	1.6	57.8	33.2	1.2
Pengrowth Corporation	47	1.1	37.5	22.5	0.8
Cenovus Energy Inc.	41	0.2	8.6	5.9	0.2
Celtic Exploration Ltd.	37	1.2	41.0	31.2	1.1
Bonavista Petroleum Ltd.	34	2.7	94.8	78.5	2.8
Galleon Energy Inc.	33	2.1	73.6	62.8	2.2
Nexen Inc.	31	0.1	3.8	3.5	0.1
Paramount Resources Ltd.	30	2.4	85.1	79.9	2.8
Trilogy Resources Ltd.	29	4.5	158.8	154.3	5.5
Nuvista Energy Ltd.	27	0.0	0.8	0.8	0.0
Harvest Operations Corp.	27	0.5	19.1	20.0	0.7
Subtotal	2124	73.1	2594.5		
% of total well tests	78.7%	69.0%	69.0%		

In cases of sour gas or sour oil well testing, if the gas to be flared contains greater than 5 per cent hydrogen sulphide (H_2S) and is to be flared from a temporary flare stack (i.e., not from a facility stack), a sour gas flaring approval is required. The temporary sour gas approval process involves a detailed review of air quality dispersion modelling and is conducted to ensure that Alberta Environment's Alberta Ambient Air Quality Objectives (AAAQO) will not be exceeded. The application for a sour gas flaring approval may also include plans that document how any predicted exceedances of the AAAQO will be mitigated. When the ERCB is satisfied that the AAAQO will be met and that all other parameters, such as flared volumes and sulphur emissions, are justified and minimized, a temporary sour gas flaring approval may be issued.

In 2009, the ERCB issued 156 temporary sour gas flaring approvals, a decrease from the 232 issued in 2008 (see Figure 3).



The reason for the decreases in sour gas flaring approvals since 2006 may be twofold. First, as in 2007, the decrease may be attributed to the fact that market conditions for natural gas in 2009 were not as favourable as in recent previous years. This may have resulted in upstream oil and gas licensees rebalancing their capital and operations budgets.

Second, with the release of the revised *Directive 060* at the end of January 2007, a new allowance to flare small volumes of gas containing H_2S volumes in excess of 5 per cent without a sour gas flaring approval was introduced. With this new allowance, companies are still required to conduct dispersion modelling if the H_2S concentration of the gas to be flared is in excess of 1 per cent, and proper notification to the ERCB and public at least 24 hours in advance of flaring operations is still required.

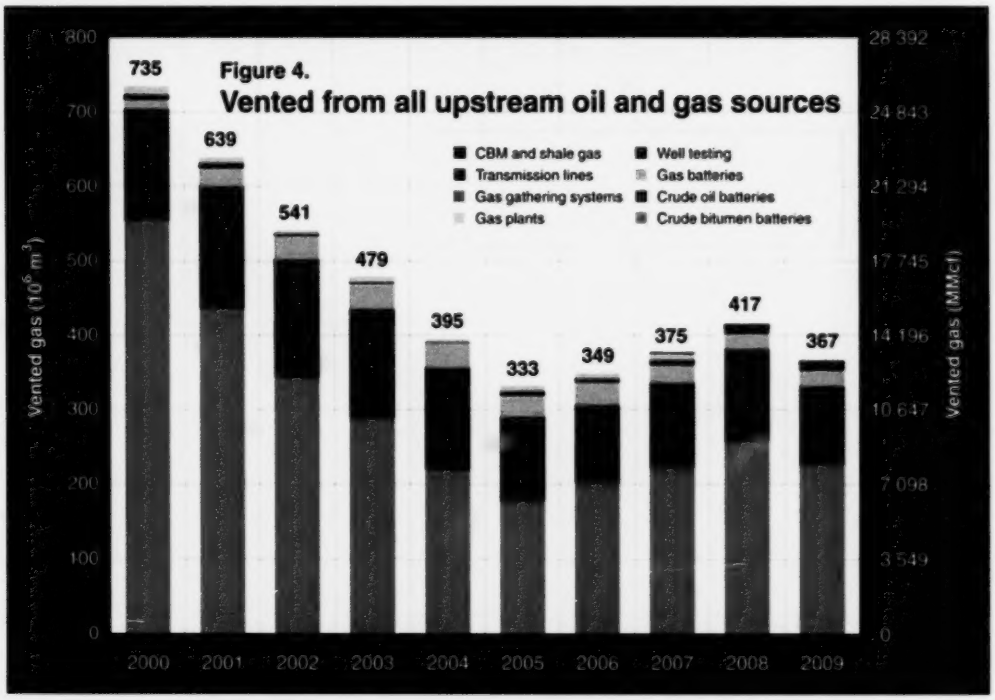
5 Venting from All Upstream Oil and Gas Sources, 2000-2009

The most significant source of venting is primary crude bitumen projects, where solution gas is vented from the production casing annulus at a large number of individual wells. In some instances, small volumes of solution gas are also vented from treaters and stock tanks at crude oil and crude bitumen batteries. Venting during well testing is primarily from shallow, sweet, low-deliverability gas wells, including coalbed methane (CBM) wells.

In *ST60B-2004: Upstream Petroleum Industry Flaring and Venting Report, 2003,* the EUB (now the ERCB) made commitments to identify and implement a number of conservation measures aimed at reducing the volumes of solution gas vented from crude bitumen operations. As a result of the EUB implementing the measures and industry awareness of them, there was a net decrease in venting from crude bitumen batteries between 2004 and 2007. However, in 2008 this trend was reversed and there was an increase of 16.9 per cent over 2004. In 2009, there was a net increase in venting from crude bitumen batteries of 2.7 per cent compared to 2004.

In 2009, venting from crude bitumen operations decreased by 12.1 per cent to 225 10^6 m^3 (9408 MMcf) from 256 10^6 m^3 (9088 MMcf) in 2008. Crude bitumen production grew by 2.97 10^6 m^3 to 38.2 10^6 m^3 in 2009, an increase of 8.4 per cent compared to 2008. The decrease in solution gas venting can be correlated with the ERCB's measures to minimize solution gas venting in Alberta and general awareness of them by industry.

Figure 4 shows vented volumes broken down by source for 2000 to 2009. The total volume vented from all upstream oil and gas sources in 2009 was 367 10^6 m^3 (13 033 MMcf), a decrease of 50 10^6 m^3 (1775 MMcf), or 11.9 per cent, from 2008.



The data in Table 7 were used to prepare Figure 4.

Table 7. Venting from upstream oil and gas sources (10^6 m^3)[a, b]

Year	Crude bitumen batteries	Crude oil batteries	Gas batteries	Well testing	Gas plants	Gas gathering systems	Transmission lines	CBM & shale gas	Total	Total in MMcf
2000	554	150	12	7	0	0	12	0	735	26 088
2001	436	164	24	7	0	0	8	0	639	22 681
2002	343	159	31	3	0	0	5	0	541	19 202
2003	288	147	34	2	0	0	8	0	479	17 002
2004	219	137	33	1	0	0	5	0	395	14 020
2005	177	113	28	6	0	0	8	0	333	11 820
2006	201	105	30	5	0	0	8	0	349	12 387
2007	221	115	23	4	0	5	8	3	375	13 299
2008	256	125	21	5	2	5	3	0	417	14 797
2009	**225**	**106**	**21**	**6**	**3**	**3**	**3**	**0.2**	**367**	**13 033**
2009 vs 2008	-12.1%	-15.4%	1.2%	12.5%	45.4%	-35.9%	0%	33.3%	-11.9%	-11.9%

[a] Due to rounding, some totals may not exactly match the sum of the source categories.
[b] Venting numbers were not available for years 2000 to 2006.

Table 7 clearly shows the year-over-year decreases in crude bitumen and crude oil battery venting. A slight increase in vented volumes from well testing can also be seen. Vented volumes from transmission lines remain unchanged. Transmission line data are voluntarily submitted to the ERCB for the purposes of this report; the ERCB does not regulate these lines. Also included in Table 7 are gas plant and gas gathering venting data.

In 2000, improved reporting and measurement resulted in a more accurate differentiation between flared and vented volumes. As a result, gas that had been incorrectly reported in previous years as flared was correctly reported as vented. This correction gave the appearance of an increase in vented volumes.

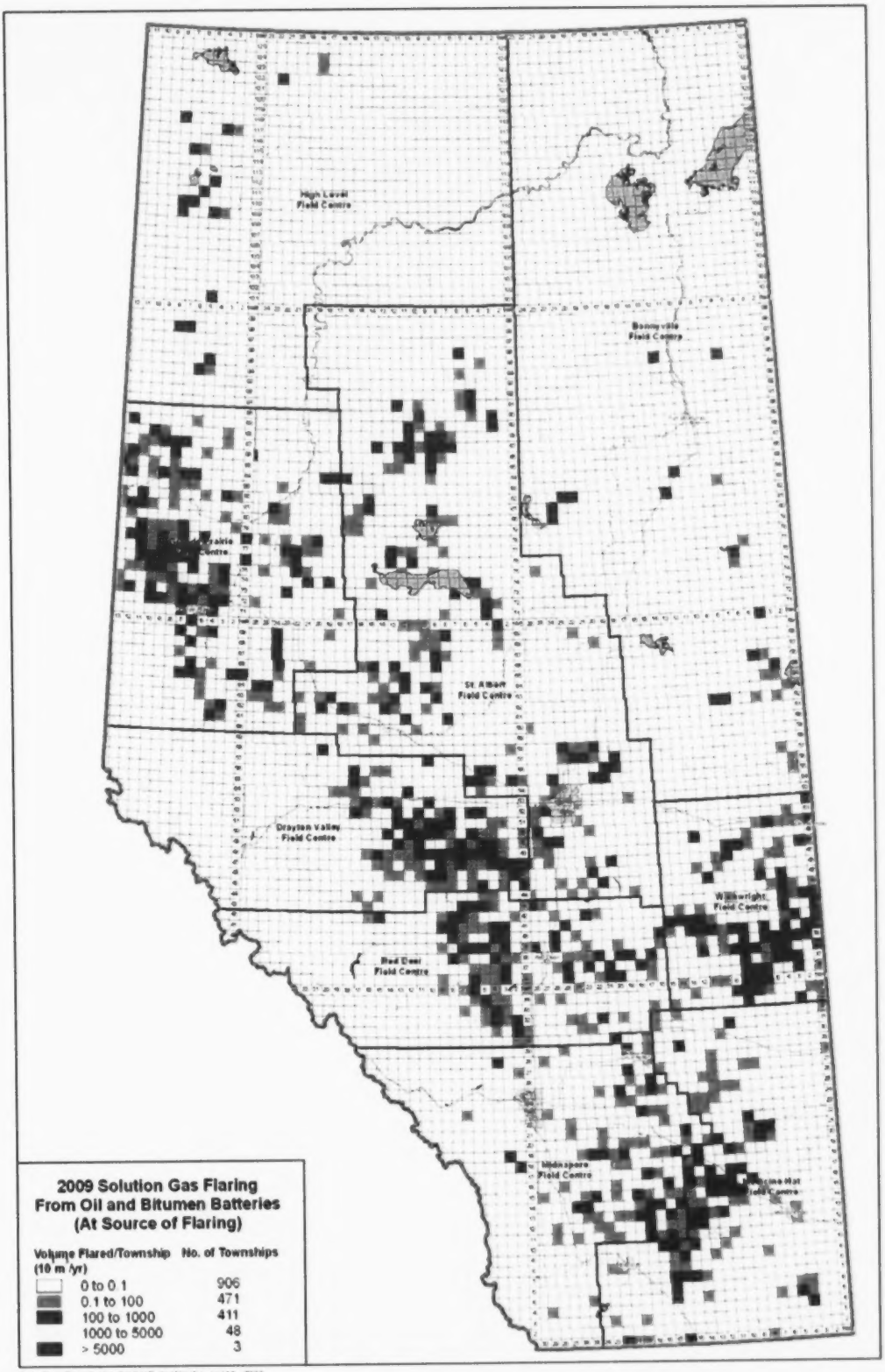
Although the ERCB does not collect data on the emissions of greenhouse gases per se, it is concerned about the impact these gases can have on the environment. With this in mind, any vented gas that can sustain continuous combustion and has been shown to be economically unviable to conserve must be burned.

6 Solution Gas Flaring and Venting Maps

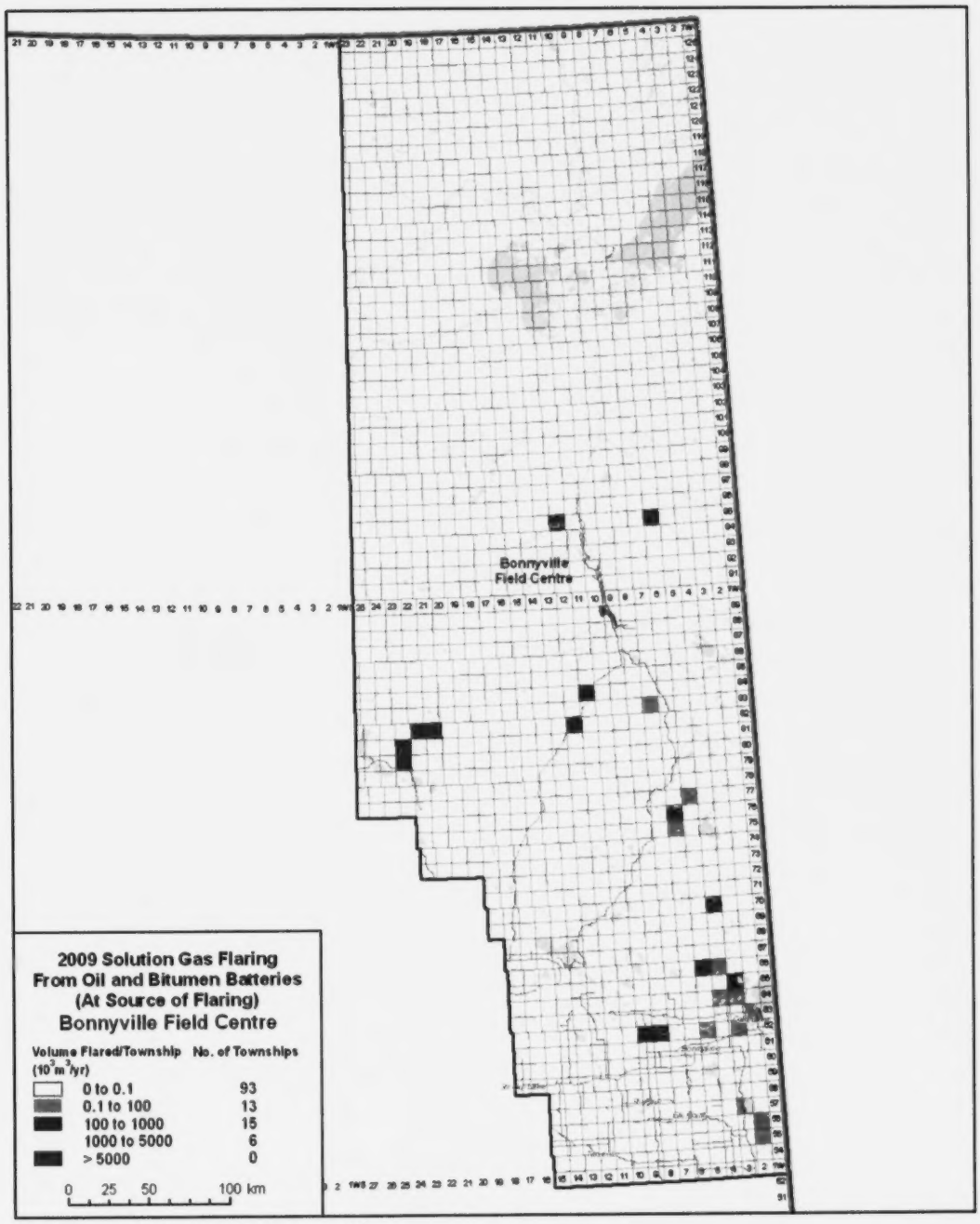
In the maps that follow, solution gas flaring and venting data are depicted geographically by township within the province as a whole and within each of the ERCB Field Centre area boundaries. The maps graphically show the townships in which flaring and venting volumes are significant.

The maps do not display data derived from "paper batteries." Paper batteries are a tool used by production accountants for reporting production of multiple real wells to an imaginary (paper) battery. These paper batteries use a real location for reporting production, but in actuality at that location there are no facilities. If these maps were to include paper batteries, flaring and venting data would be unfairly represented in townships where the flaring or venting does not actually occur. The emissions from paper batteries are accounted for in the ranking tables of this report.

- Solution Gas Flaring
  - Alberta
  - Bonnyville Field Centre Area
  - Drayton Valley Field Centre Area
  - Grande Prairie Field Centre Area
  - High Level Field Centre Area
  - Medicine Hat Field Centre Area
  - Midnapore Field Centre Area
  - Red Deer Field Centre Area
  - St. Albert Field Centre Area
  - Wainwright Field Centre Area
- Solution Gas Venting
  - Alberta
  - Bonnyville Field Centre Area
  - Drayton Valley Field Centre Area
  - Grande Prairie Field Centre Area
  - High Level Field Centre Area
  - Medicine Hat Field Centre Area
  - Midnapore Field Centre Area
  - Red Deer Field Centre Area
  - St. Albert Field Centre Area
  - Wainwright Field Centre Area



Base Data Provided by Spatial Data Warehouse Ltd. 2005



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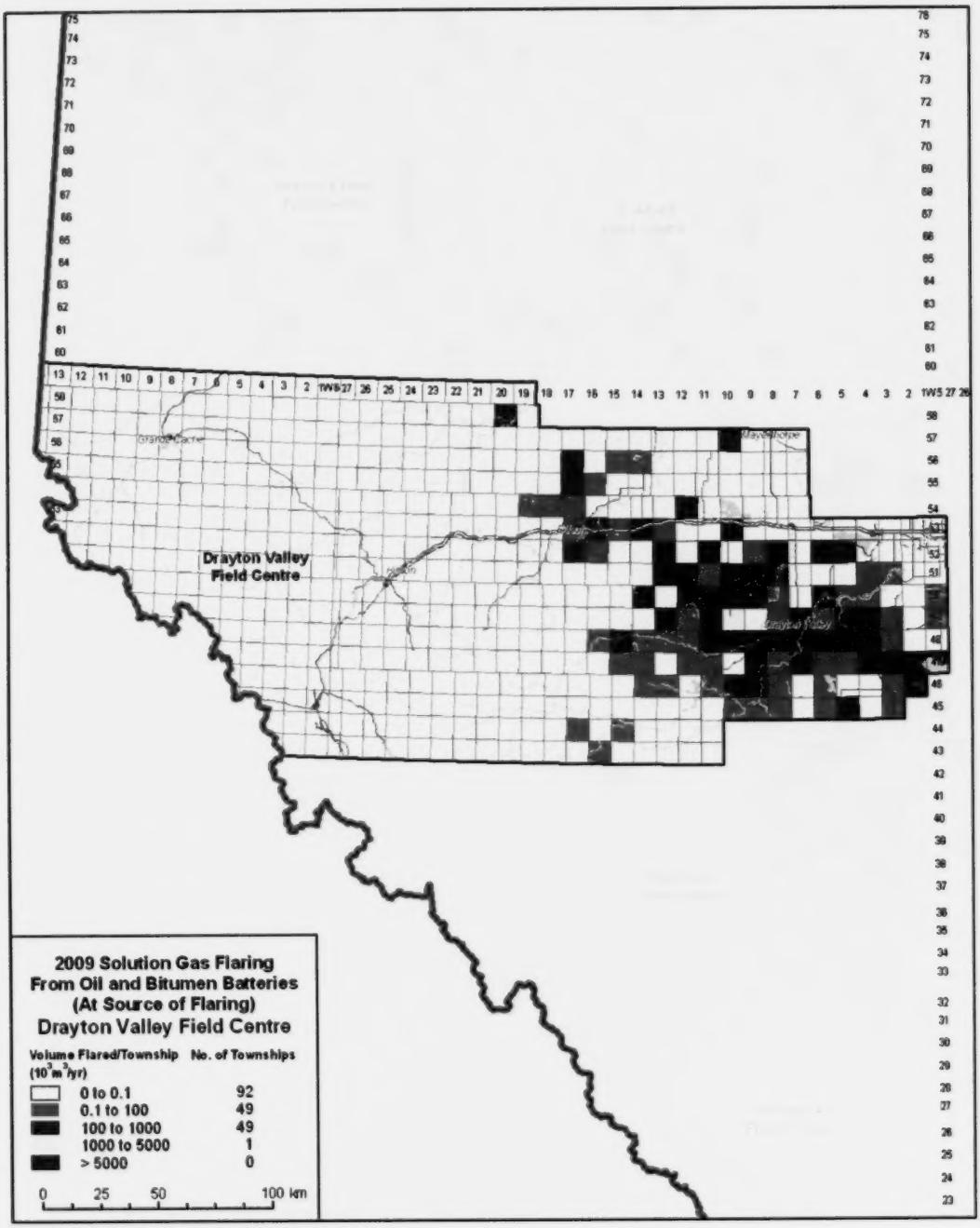

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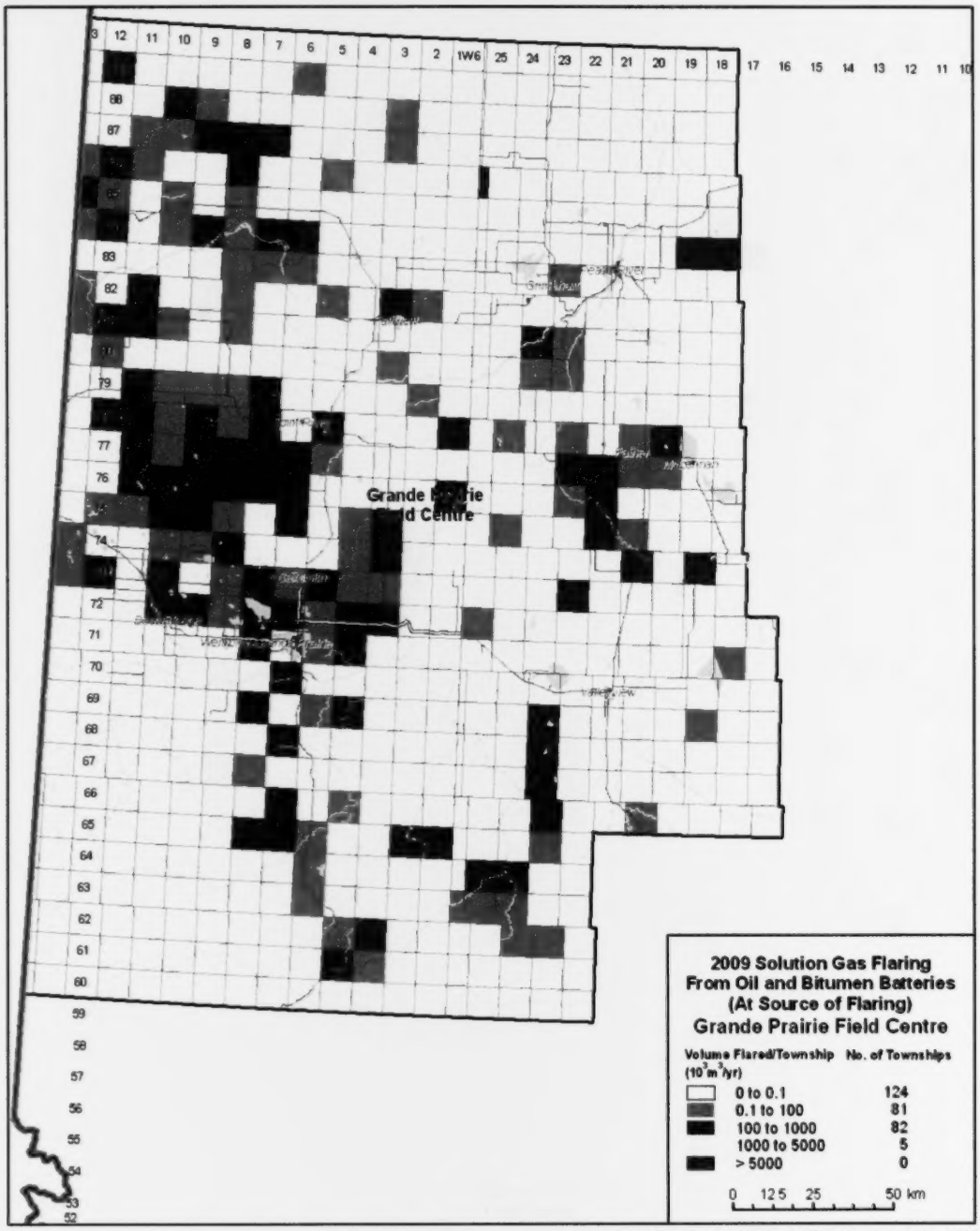

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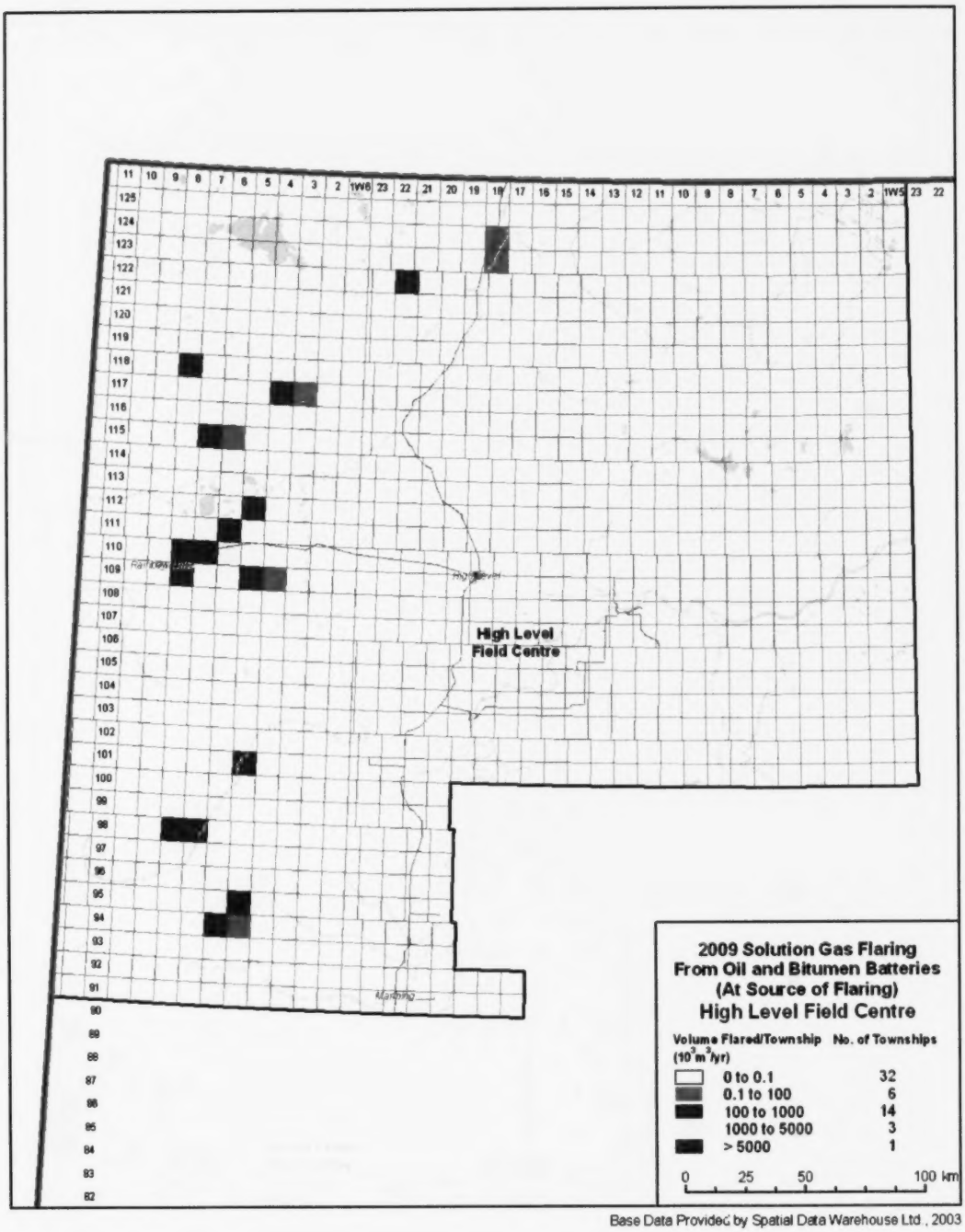

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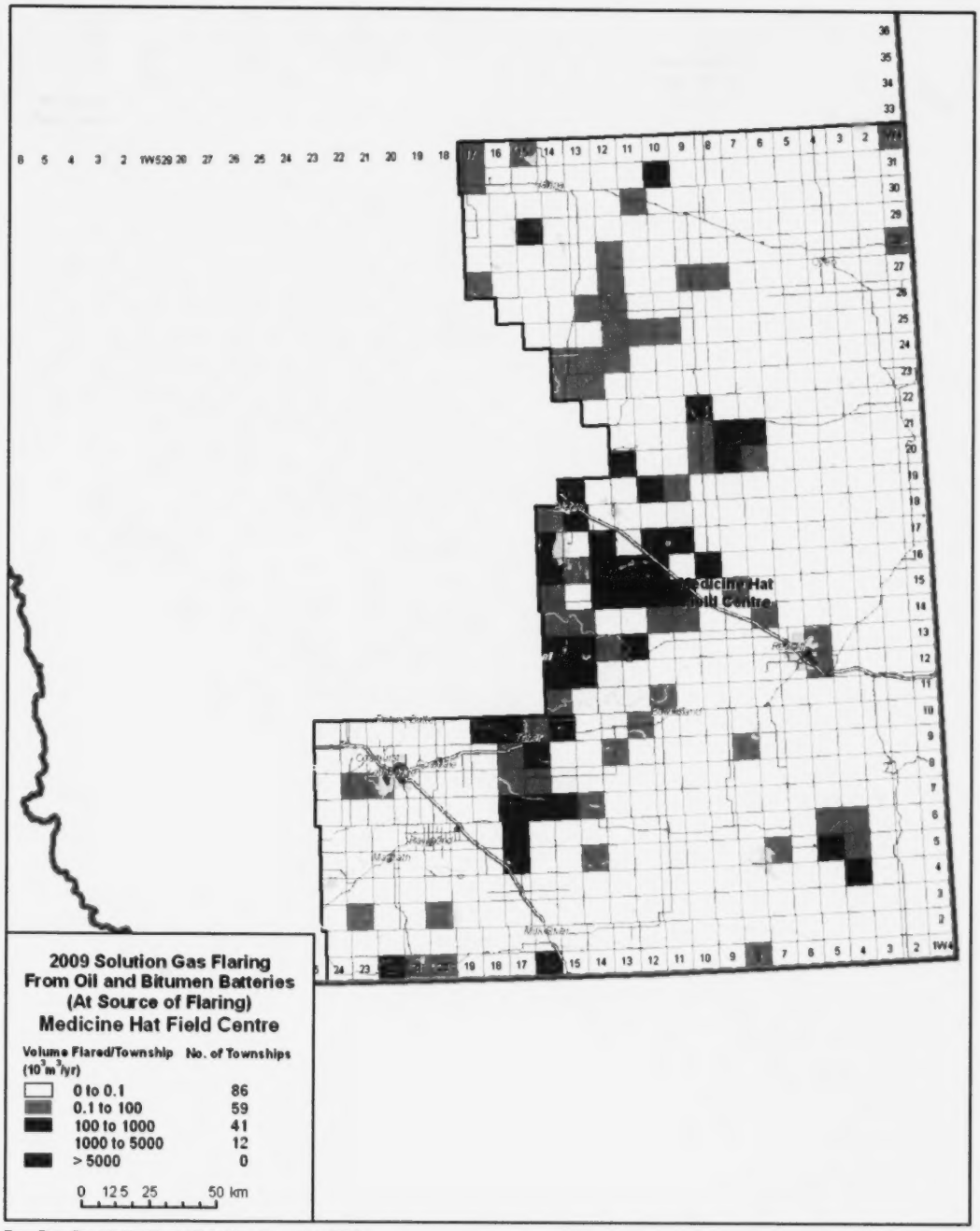

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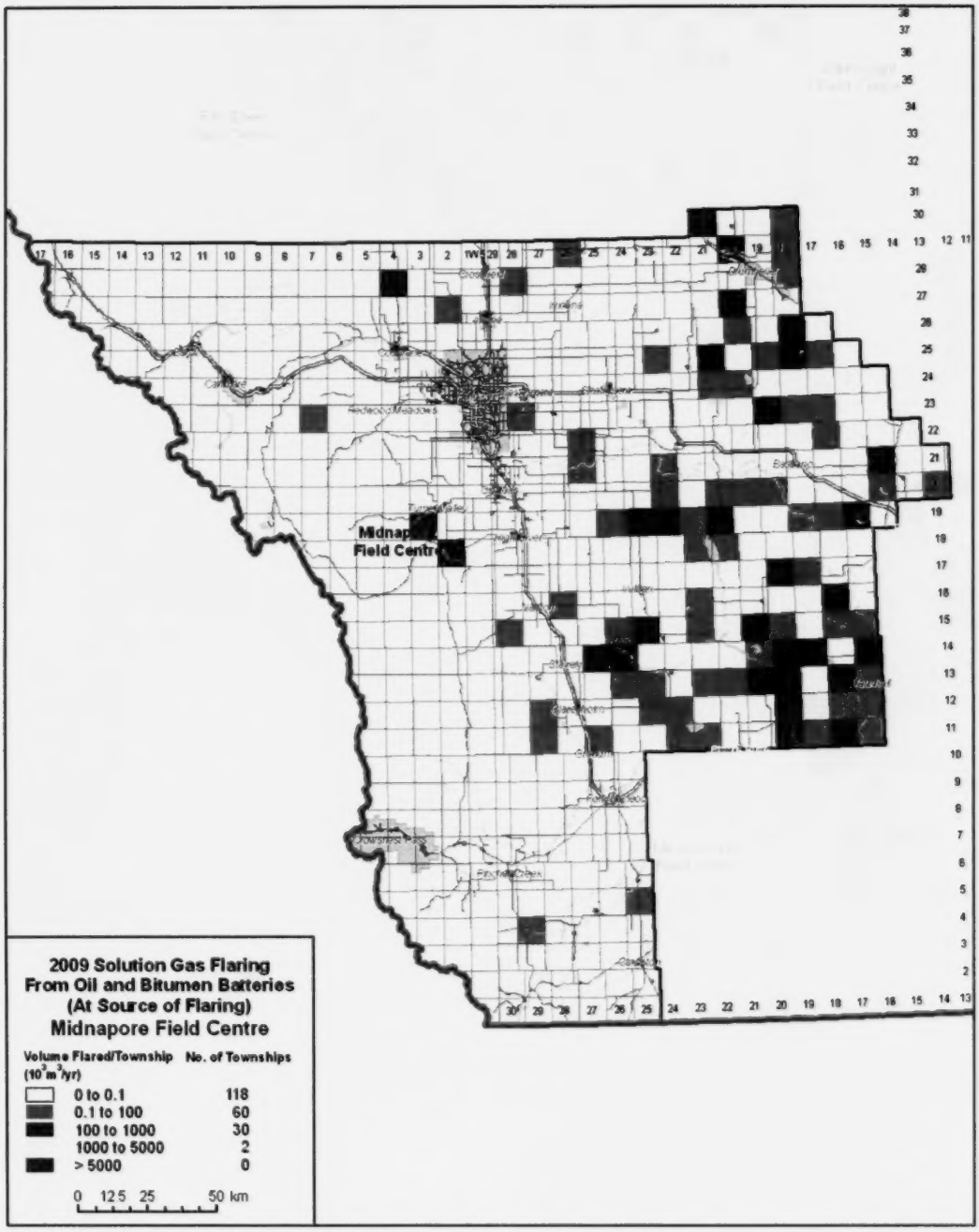

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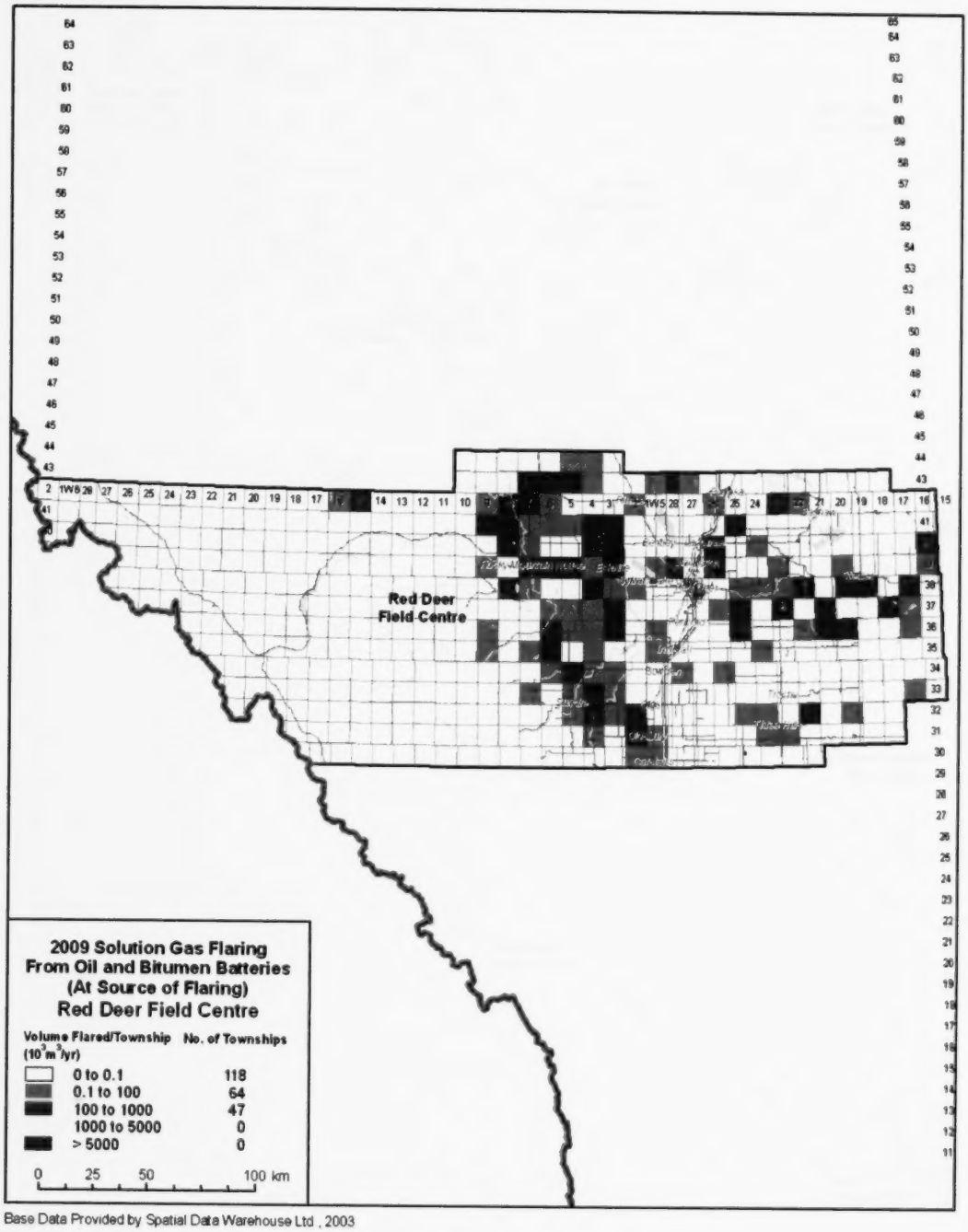

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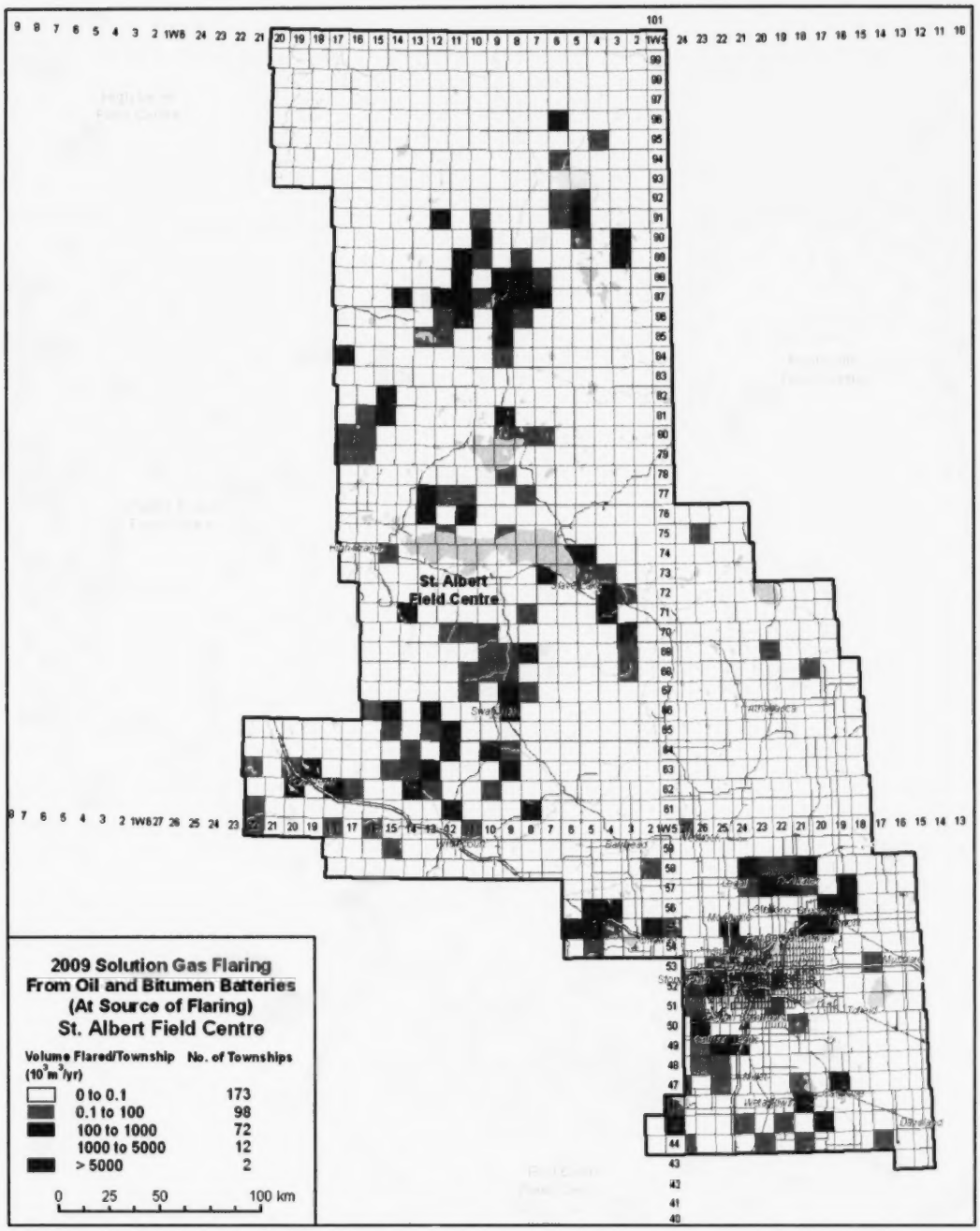

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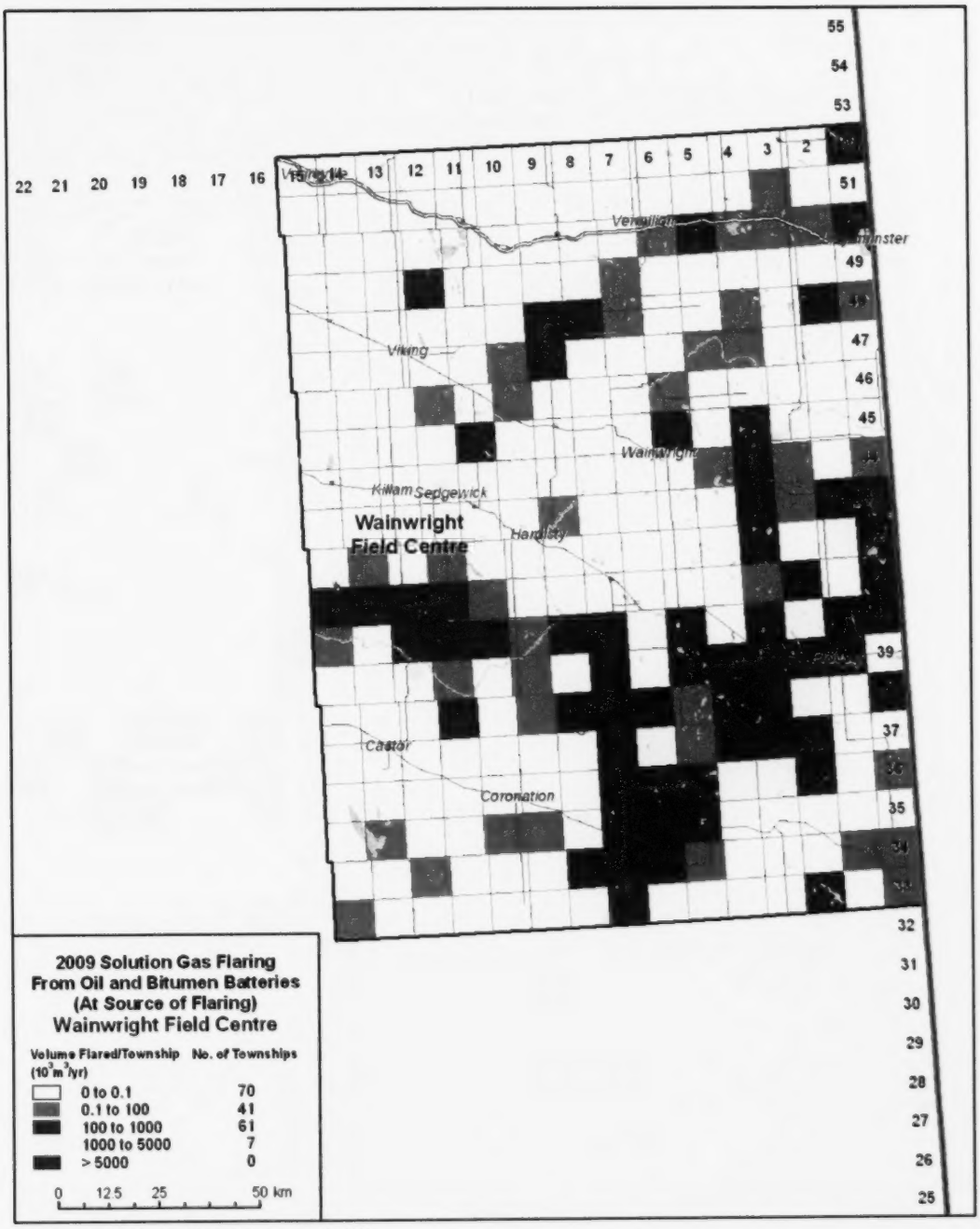

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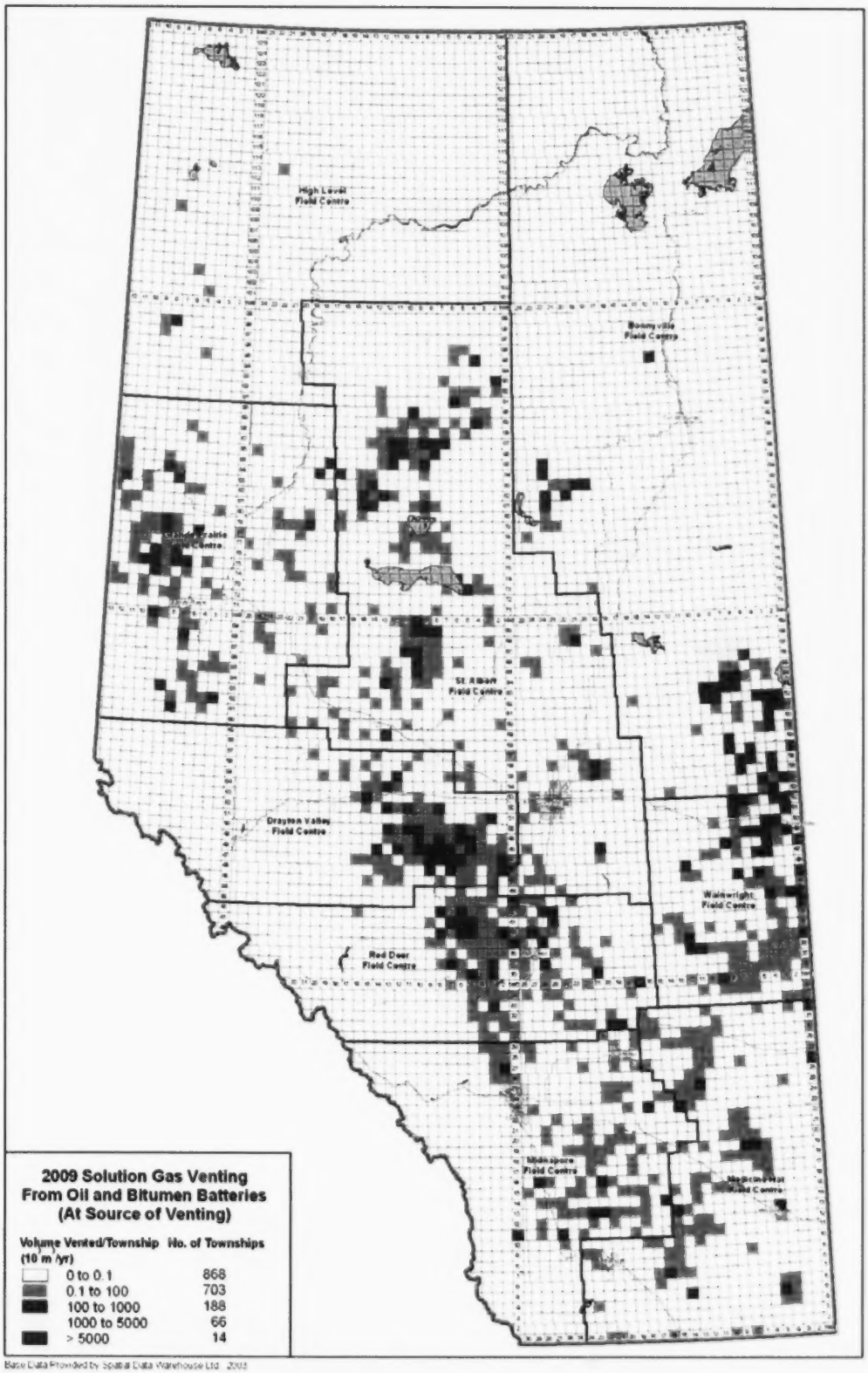

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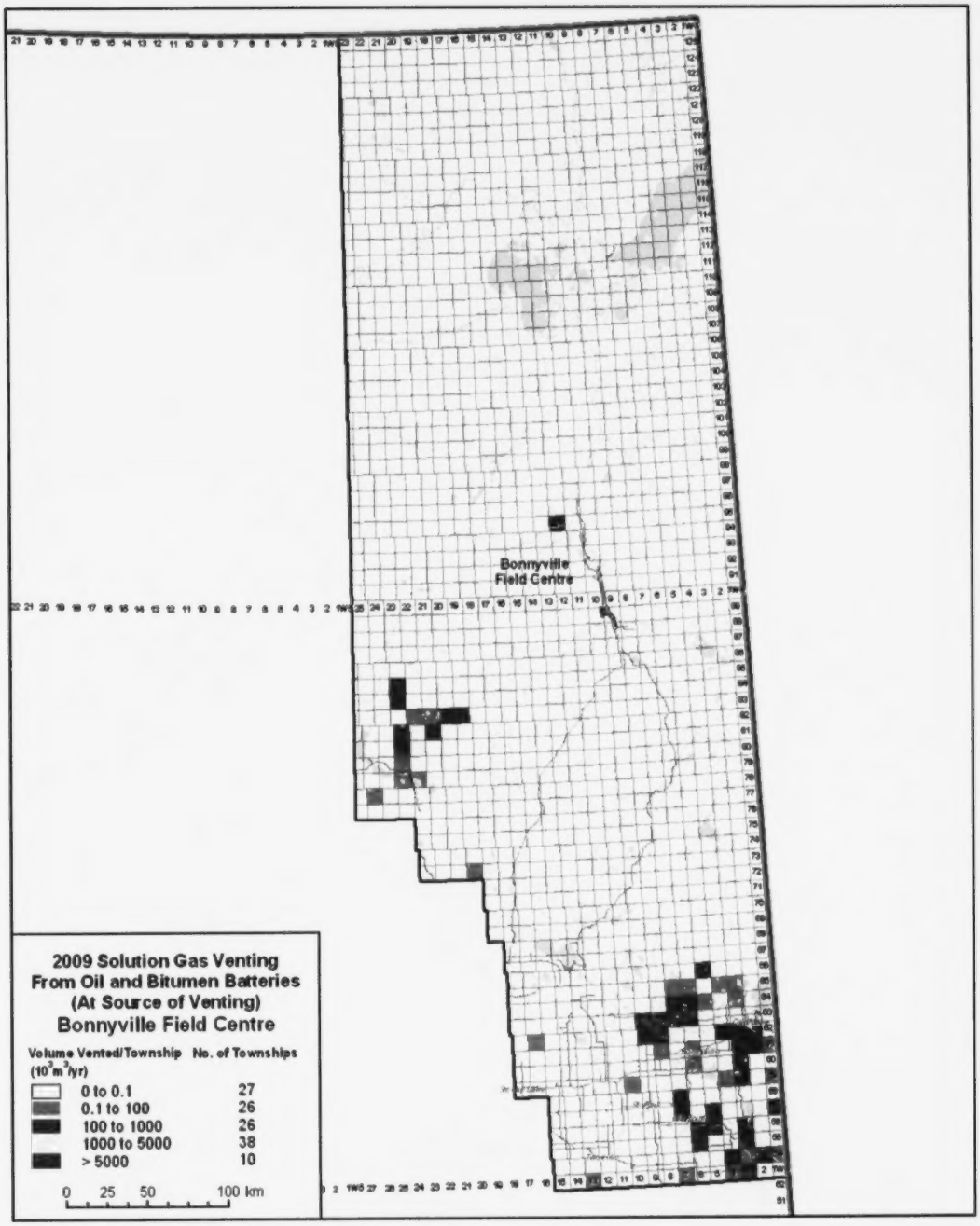

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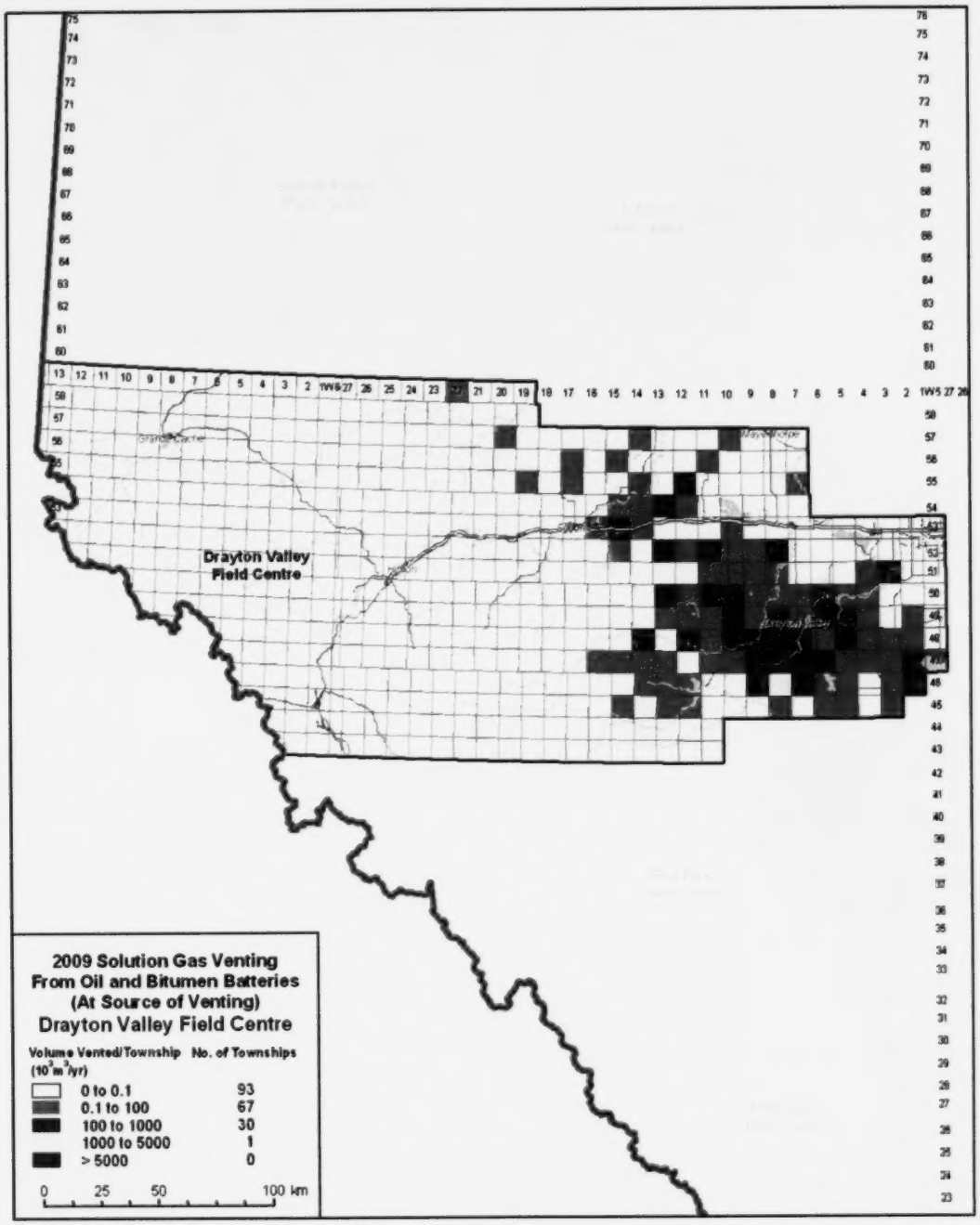

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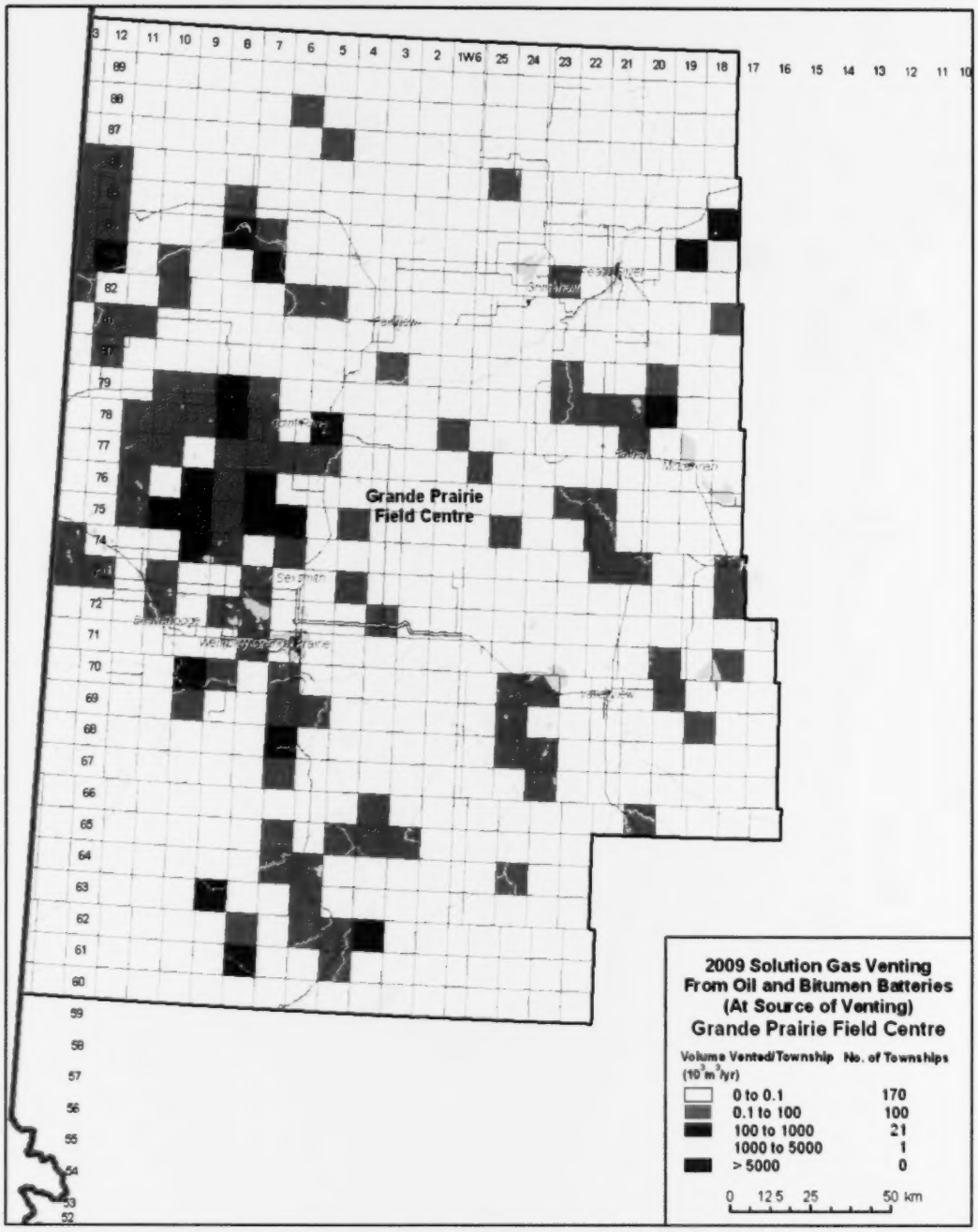

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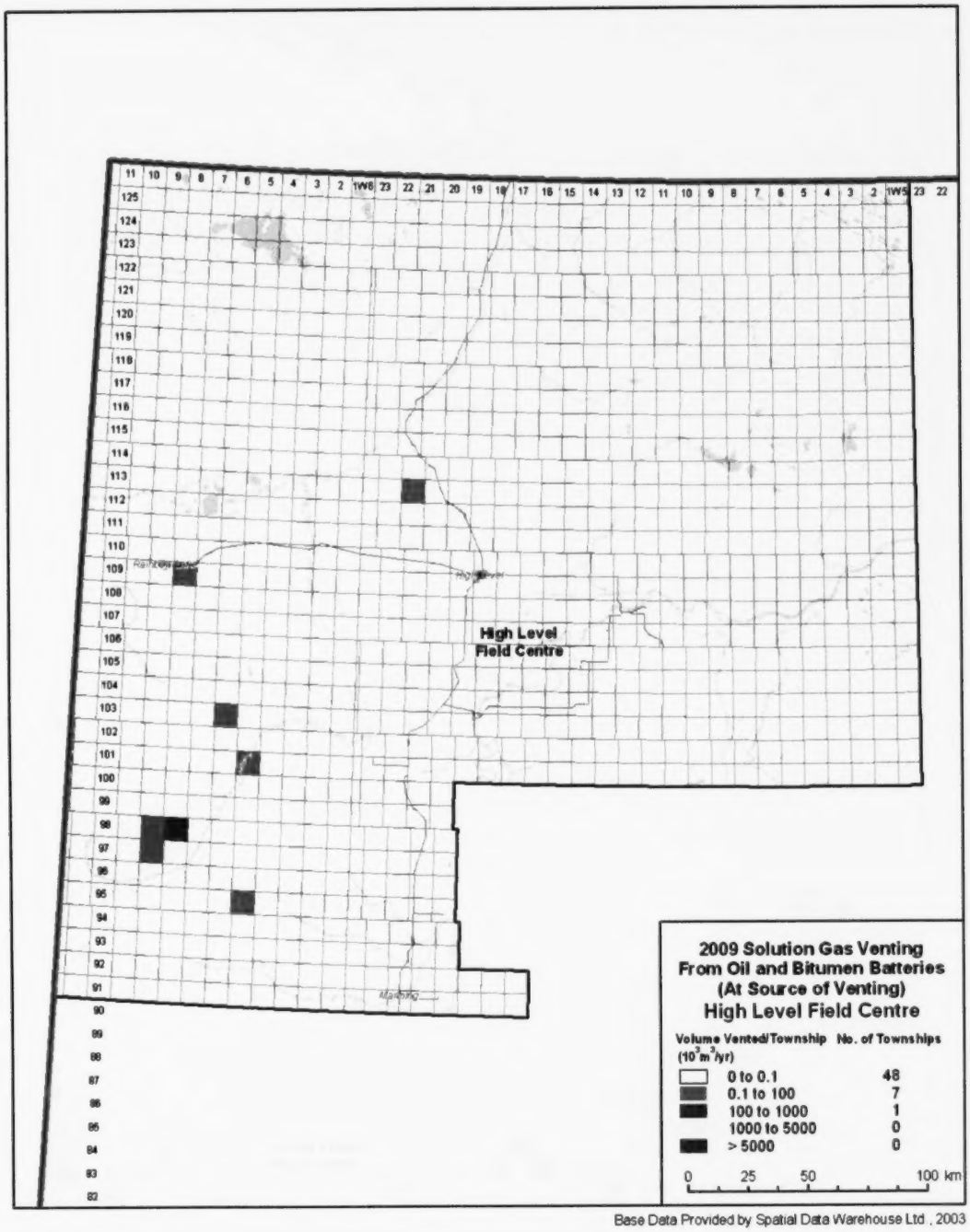

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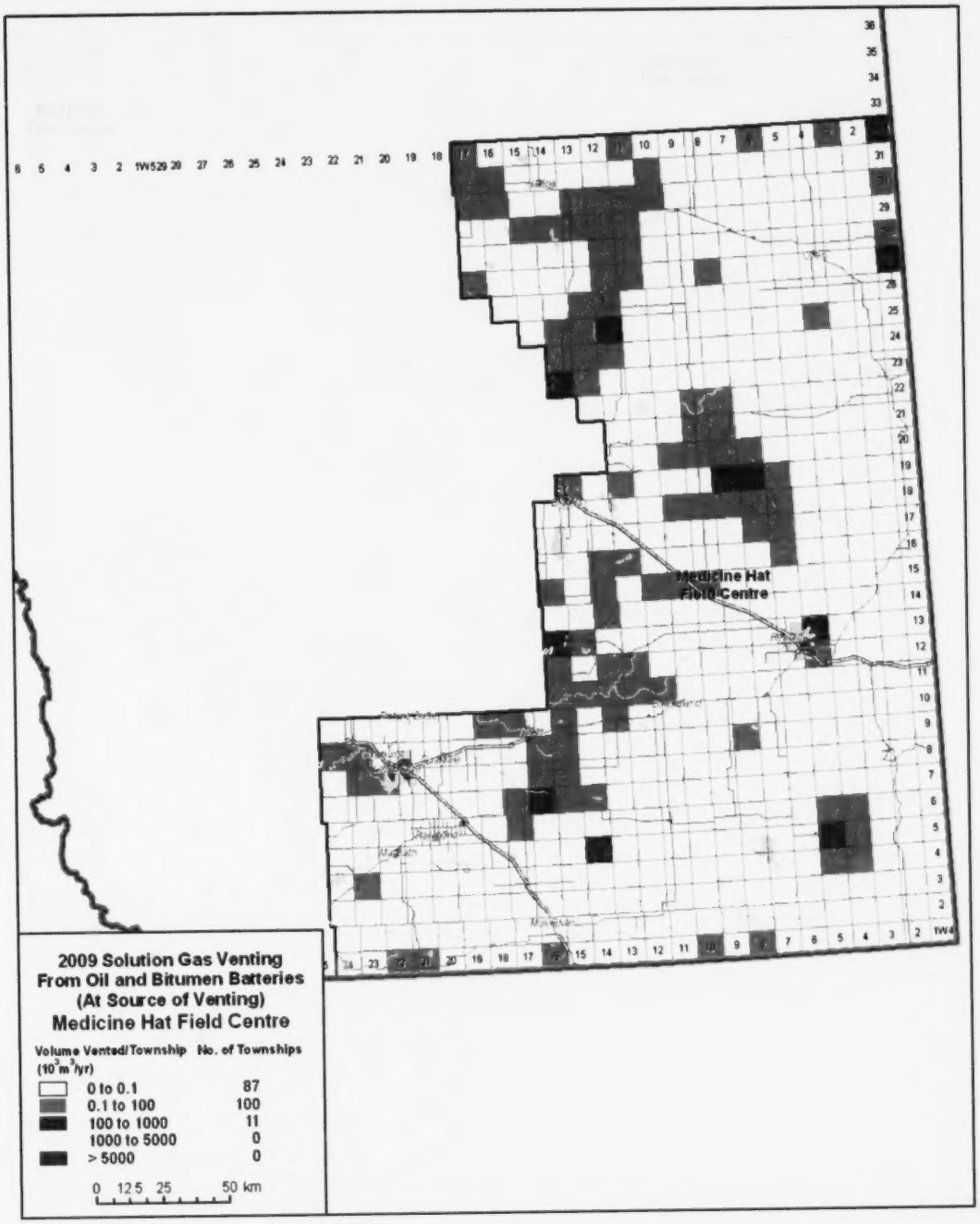

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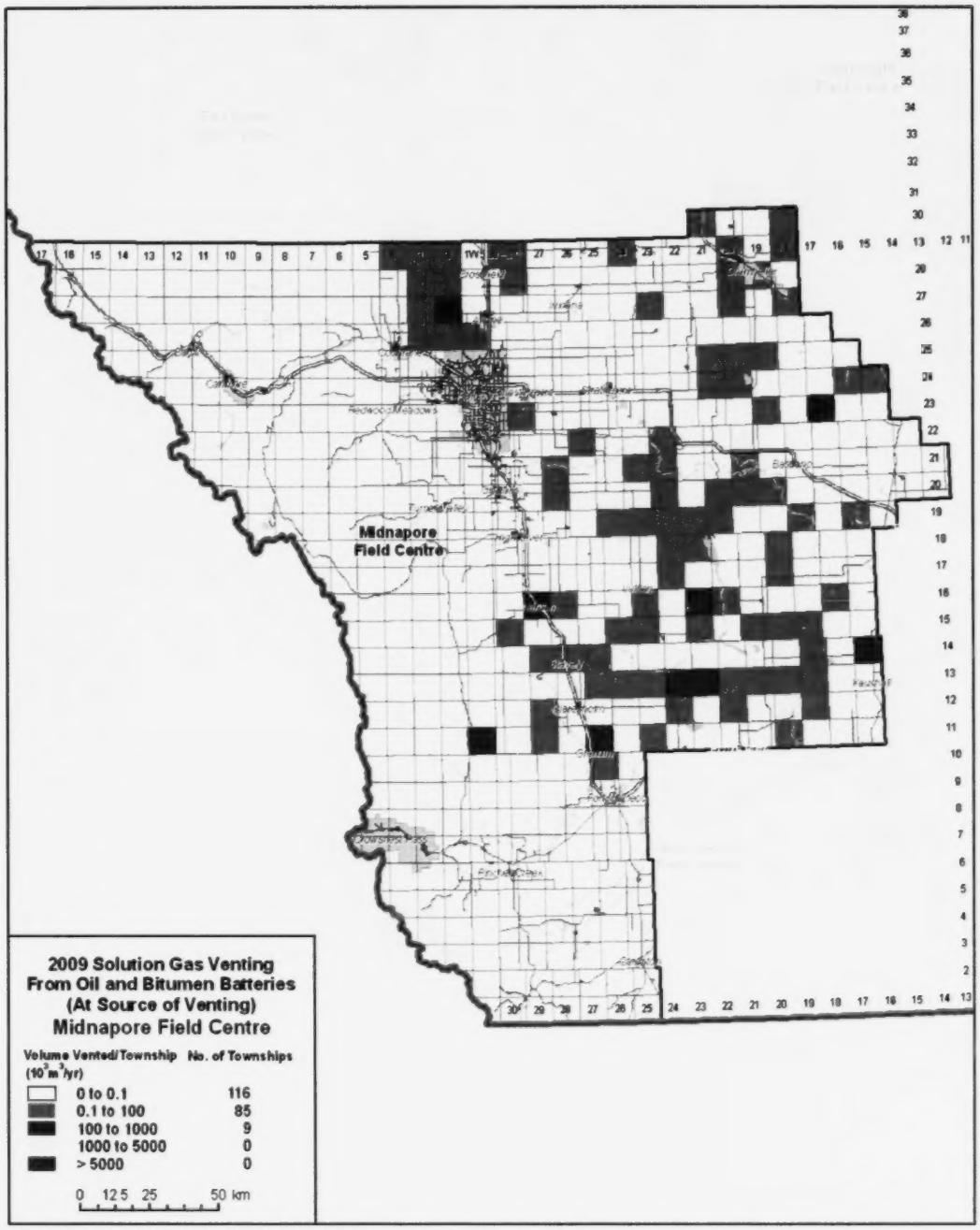

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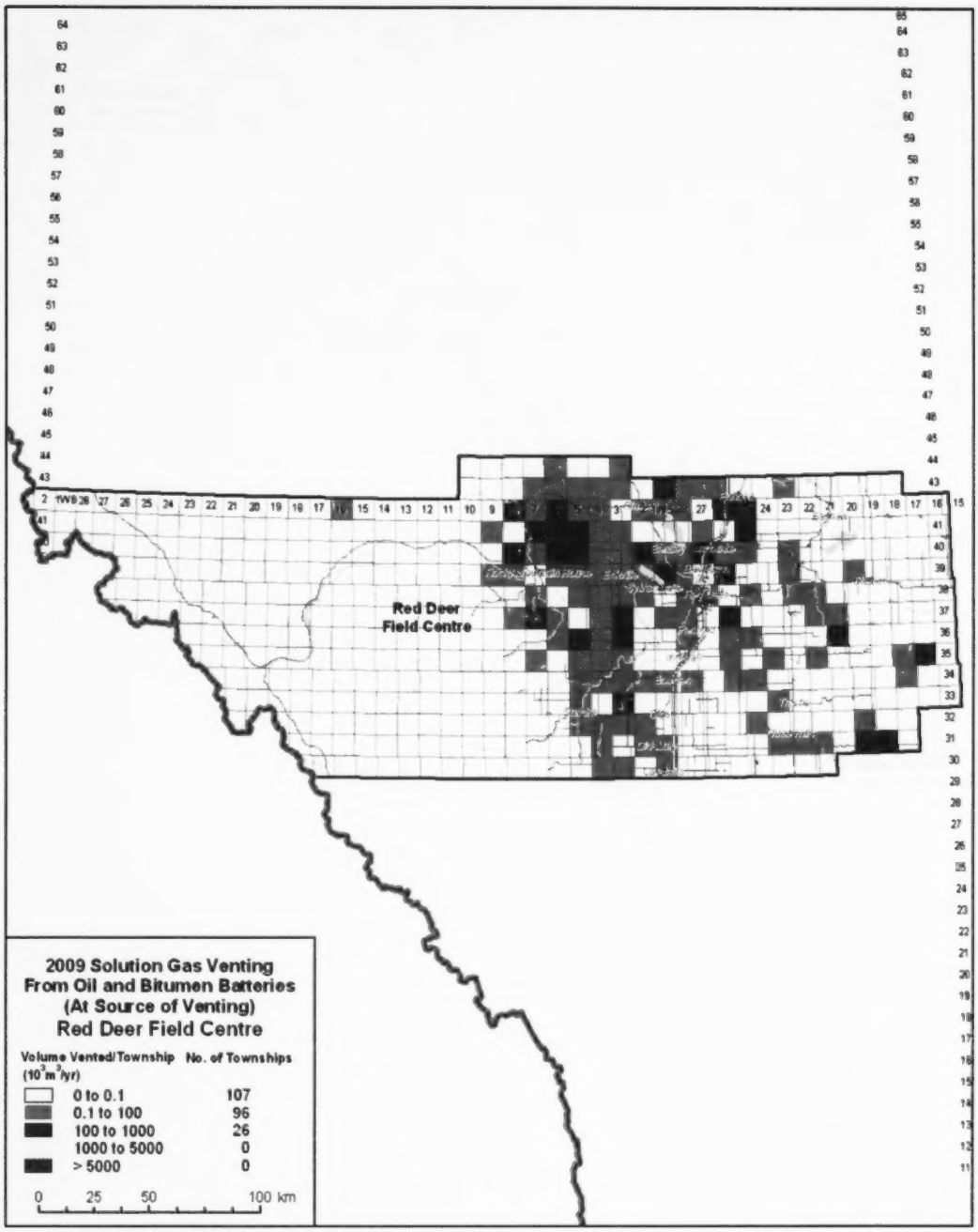

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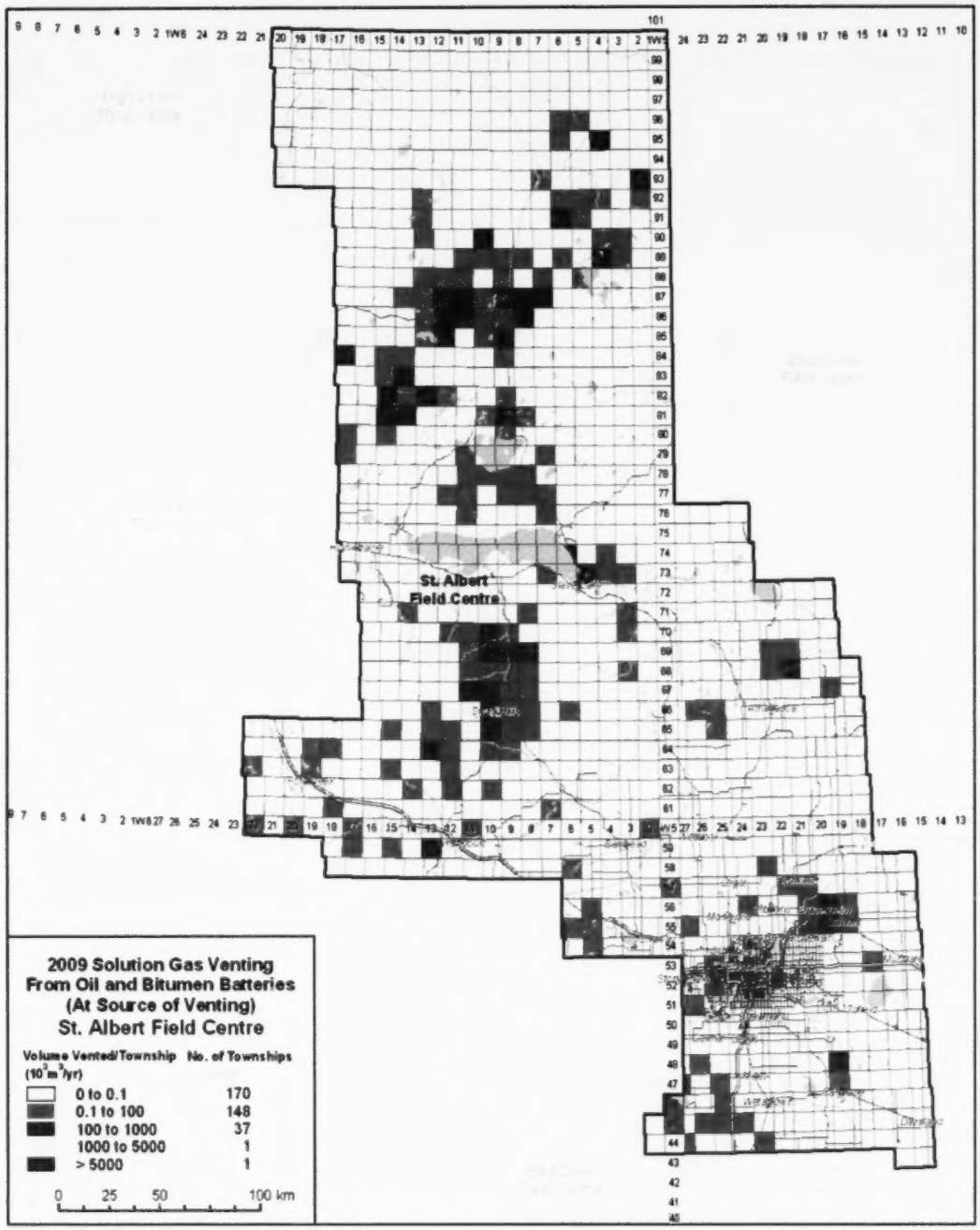

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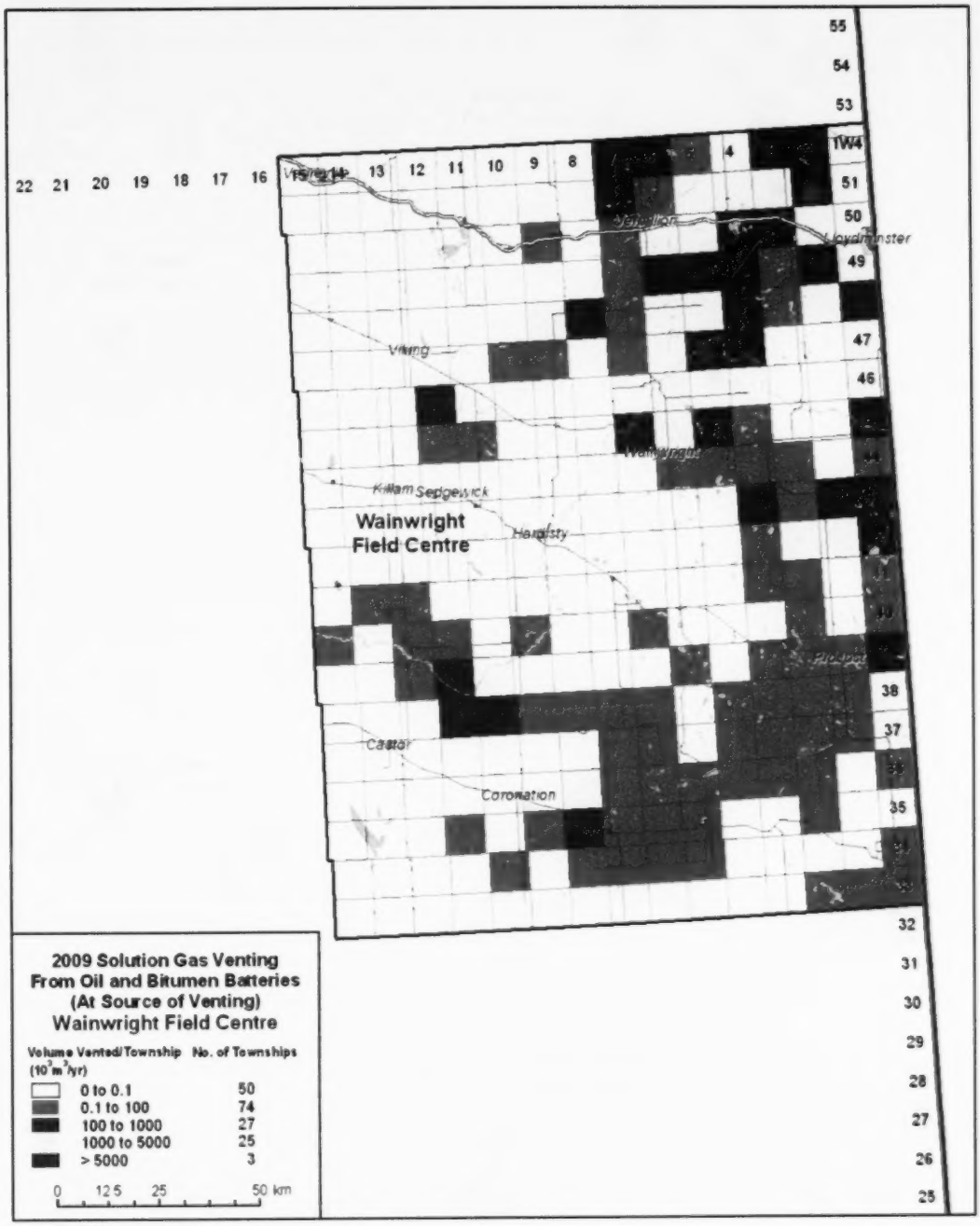

Base Data Provided by Spatial Data Warehouse Ltd , 2003

7 Solution Gas Emissions Ranking of Operators for 2009

The ERCB has ranked companies based on volumes of flared plus vented solution gas and vented solution gas from operated crude oil and crude bitumen batteries. The tables in Section 8 provide information on individual companies. The second column in the tables shows the percentage of solution gas conserved by an operator. Individual operators' performance can be compared to the provincial average of 95.8 per cent solution gas conservation.

In this analysis, all crude oil and crude bitumen batteries have been included except for batteries that had an experimental well reporting fluid production in a month. The information on experimental wells remains confidential.

Note that it is possible for an operator to flare or vent a significant volume of solution gas due to the magnitude of the company's operations and still have a high percentage of gas conserved.

Companies are also ranked province-wide and within each ERCB Field Centre area. The following describes the fields that appear in the ranking tables:

COMPANY—Name of company operating crude oil and crude bitumen batteries.

GAS CONS—Percentage of solution gas conserved:
(Solution Gas Produced – Flared Gas – Vented Gas) / Solution Gas Produced x 100.

GAS CONS CHANGE—Percentage change in gas conservation from the previous year. Blanks represent companies that did not report in 2008 due to mergers, name changes, acquisitions, etc.

GAS FLARED + VENTED (1000 m^3)—Solution gas flared plus vented from operated crude oil and crude bitumen batteries.

GAS FLARED + VENTED RANK—The company's ranking compared to other companies based on the operated volume of solution gas flared plus vented.

GAS FLARED (1000 m^3)—Solution gas flared from operated crude oil and crude bitumen batteries.

FLARE RANK—The company's ranking compared to other companies based on the operated volume of solution gas flared.

GAS VENTED (1000 m^3)—Solution gas vented from operated crude oil and crude bitumen batteries.

VENT RANK—The company's ranking compared to other companies based on the operated volume of solution gas vented.

OIL PROD (m^3)—Volume of crude oil and in situ crude bitumen produced from operated crude oil and crude bitumen batteries.

SOLN GAS PROD (1000 m^3)—Volume of solution gas produced from operated crude oil and crude bitumen batteries.

SOLN GAS RANK—The company's ranking compared to other companies based on the operated volume of solution gas produced.

8 Tables

In the tables that follow, the companies are ranked and listed based on solution gas flared plus vented from facilities operated by the company in 2009. Each table gives a total for the Field Centre area covered at the end of the data.

- Operators with Largest Solution Gas Produced Volumes in 2009
- Operators with Largest Solution Gas Vented Volumes in 2009
- Provincial Ranking of Operators—2009 Conservation Performance
- Field Centre Ranking of Operators—2009 Conservation Performance

OPERATORS WITH LARGEST SOLUTION GAS PRODUCED VOLUMES IN 2009[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS CONS CHANGE	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)	GAS RANK
Husky Oil Operations Limited	97.1%	0.0%	57,524.1	3	15,830.2	3.0	**41,693.9**	**3**	3,436,864.9	1,967,186.4	1.0
Penn West Petroleum Ltd.	97.0%	1.6%	36,582.9	4	24,630.8	1.0	**11,952.1**	**5**	2,701,067.8	1,204,570.7	2.0
Imperial Oil Resources	99.6%	-0.1%	4,049.3	20	3,733.4	16.0	**315.9**	**42**	8,561,492.4	1,052,291.7	3.0
Canadian Natural Resources Limited	86.0%	-0.7%	147,047.0	1	10,522.8	5.0	**136,524.2**	**1**	10,352,217.6	1,049,720.8	4.0
Devon Canada	89.3%	3.4%	60,211.5	2	8,182.9	8.0	**52,028.6**	**2**	4,795,503.4	560,319.6	5.0
NAL Resources Limited	99.7%	0.2%	1,568.1	47	1,078.7	49.0	**489.4**	**33**	356,721.5	477,720.4	6.0
Pengrowth Corporation	98.0%	0.6%	8,265.8	11	6,374.0	10.0	**1,891.8**	**16**	1,144,924.0	413,588.4	7.0
ARC Resources Ltd.	98.8%	0.2%	4,567.8	17	3,967.2	14.0	**600.6**	**28**	825,311.9	379,919.7	8.0
Encana Oil & Gas Partnership	98.2%	-0.1%	6,458.1	12	2,129.3	30.0	**4,328.8**	**9**	2,566,747.0	349,737.7	9.0
Bonavista Petroleum Ltd.	94.1%	0.0%	17,656.4	7	3,739.0	15.0	**13,917.4**	**4**	808,874.4	299,355.2	10.0
Talisman Energy Inc.	95.7%	1.2%	12,572.0	8	6,786.7	9.0	**5,785.3**	**8**	1,064,460.7	294,060.2	11.0
Apache Canada Ltd.	95.6%	1.0%	12,318.0	9	8,512.3	7.0	**3,805.7**	**10**	717,175.8	281,067.9	12.0
ConocoPhillips Canada (BRC) Partnership	99.7%	0.7%	722.6	71	484.0	79.0	**238.6**	**52**	247,808.9	271,473.5	13.0
Taqa North Ltd.	97.8%	2.7%	5,377.1	15	4,445.5	12.0	**931.6**	**23**	344,238.8	240,551.5	14.0
Harvest Operations Corp.	92.0%	2.6%	18,699.1	6	10,847.5	4.0	**7,851.6**	**6**	1,374,973.0	234,094.6	15.0
ConocoPhillips Western Canada Partnership	99.6%	2.8%	747.9	70	740.8	59.0	**7.1**	**170**	208,796.3	192,906.3	16.0
ConocoPhillips Canada Energy Partnership	97.4%	1.5%	4,509.4	18	3,012.5	22.0	**1,496.9**	**18**	268,258.0	170,060.6	17.0
Advantage Oil & Gas Ltd.	98.8%	0.7%	1,838.9	41	1,228.2	45.0	**610.7**	**27**	265,886.3	156,546.1	18.0
Shell Canada Energy	80.2%	-2.2%	27,992.6	5	21,252.8	2.0	**6,739.8**	**7**	1,422,475.0	141,461.3	19.0
Exxonmobil Canada Ltd. & Exxonmobil Resources Ltd.	98.5%	-0.6%	2,114.7	37	1,865.9	33.0	**248.8**	**51**	126,220.3	138,853.4	20.0
Enermark Inc.	97.5%	0.4%	3,206.1	24	2,026.4	32.0	**1,179.7**	**21**	548,784.4	128,905.1	21.0
Enerplus Resources Corporation	97.6%	0.3%	2,861.4	30	2,645.0	24.0	**216.4**	**53**	298,968.7	117,810.3	22.0
Highpine Oil & Gas Limited	99.8%	0.0%	167.4	156	58.6	190.0	**108.8**	**74**	243,281.6	106,159.5	23.0
EOG Resources Canada Inc.	98.4%	0.1%	1,586.4	46	1,331.2	41.0	**255.2**	**49**	91,696.1	97,938.5	24.0
Petrobakken Development Ltd.	98.9%	0.7%	1,064.0	59	766.9	57.0	**297.1**	**46**	155,853.3	97,593.8	25.0
SUBTOTAL			**439,708.6**		**146,192.6**		**293,516.0**		**42,928,602.1**	**10,423,893.2**	
% OF PROVINCIAL TOTAL			**74.60%**		**56.00%**		**89.30%**		**68.30%**	**75.90%**	

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.

OPERATORS WITH LARGEST SOLUTION GAS VENTED VOLUMES IN 2009[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS CONS CHANGE	GAS FLARED + VENTED (1000 M³)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M³)	FLARE RANK	GAS VENTED (1000 M³)	VENT RANK	OIL PROD (M³)	SOL'N GAS PROD (1000 M³)
Canadian Natural Resources Limited	86.0%	-0.7%	147047	1.0	10,522.8	**5.0**	**136524**	1.0	10,352,217.6	1049720.8
Devon Canada	89.3%	3.4%	60212	2.0	8,182.9	**8.0**	**52029**	2.0	4,795,503.4	560319.6
Husky Oil Operations Limited	97.1%	0.0%	57524	3.0	15,830.2	**3.0**	**41694**	3.0	3,436,864.9	1967186.4
Bonavista Petroleum Ltd.	94.1%	0.1%	17656	7.0	3,739.0	**15.0**	**13917**	4.0	808,874.4	299355.2
Penn West Petroleum Ltd.	97.0%	1.6%	36583	4.0	24,630.8	**1.0**	**11952**	5.0	2,701,067.8	1204570.7
Harvest Operations Corp.	92.0%	2.6%	18699	6.0	10,847.5	**4.0**	**7852**	6.0	1,374,973.0	234094.6
Shell Canada Energy	80.2%	-2.2%	27993	5.0	21,252.8	**2.0**	**6740**	7.0	1,422,475.0	141461.3
Talisman Energy Inc.	95.7%	1.2%	12572	8.0	6,786.7	**9.0**	**5785**	8.0	1,064,460.7	294060.2
Encana Oil & Gas Partnership	98.2%	-0.1%	6458	12.0	2,129.3	**30.0**	**4329**	9.0	2,566,747.0	349737.7
Apache Canada Ltd.	95.6%	27.0%	12318	9.0	8,512.3	**7.0**	**3806**	10.0	717,175.8	281067.9
Nexen Inc.	87.0%	19.6%	6024	14.0	2,405.4	**27.0**	**3618**	11.0	750,437.7	46213.3
Buffalo Resources Corp.	24.9%	1.8%	2884	29.0	91.6	**171.0**	**2792**	12.0	69,362.7	3839.7
Daylight Energy Ltd.	94.2%	-1.6%	4650	16.0	2,076.7	**31.0**	**2573**	13.0	251,859.8	80778.2
Canadian Forest Oil Ltd.	91.3%	-4.6%	2822	31.0	806.5	**56.0**	**2015**	14.0	103,775.4	32390.3
Glencoe Resources Ltd.	95.3%	61.4%	1973	40.0	-	**274.0**	**1973**	15.0	8,421.9	42290
Pengrowth Corporation	98.0%	0.6%	8266	11.0	6,374.0	**10.0**	**1892**	16.0	1,144,924.0	413588.4
Nuvista Energy Ltd.	85.0%	31.3%	3590	22.0	1,821.3	**34.0**	**1769**	17.0	223,701.9	23943.9
ConocoPhillips Canada Energy Partnership	97.4%	1.5%	4509	18.0	3,012.5	**22.0**	**1497**	18.0	268,258.0	170060.6
Twin Butte Energy Ltd.	95.9%	-1.9%	2062	39.0	731.8	**60.0**	**1330**	19.0	57,779.5	50517.2
Exall Energy Corporation	12.9%	12.9%	1595	44.0	304.3	**106.0**	**1291**	20.0	27,045.1	1830.5
Enermark Inc.	97.5%	0.4%	3206	24.0	2,026.4	**32.0**	**1180**	21.0	548,784.4	128905.1
Signalta Resources Limited	86.5%	-1.1%	1504	48.0	500.1	**78.0**	**1004**	22.0	20,094.7	11154.3
Taqa North Ltd.	97.8%	2.7%	5377	15.0	4,445.5	**12.0**	**932**	23.0	344,238.8	240551.5
Baytex Energy Ltd.	94.3%	1.2%	3879	21.0	3,097.0	**19.0**	**782**	24.0	590,316.8	67443.2
Bonterra Energy Corp.	97.4%	0.0%	1427	51.0	712.2	**61.0**	**715**	25.0	141,584.3	54845.5
SUBTOTAL			**450,829.2**		**140,839.6**		**309,989.6**		**33,790,944.6**	**7,749,926.1**
% OF PROVINCIAL TOTAL			**76.40%**		**54.00%**		**94.30%**		**53.80%**	**56.40%**

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PROVINCIAL RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Canadian Natural Resources Limited	86.0%	-0.7%	**147,047.0**	**1**	10,522.8	5	136,524.2	1	10,352,217.6	1,049,720.8
Devon Canada	89.3%	3.4%	**60,211.5**	**2**	8,182.9	8	52,028.6	2	4,795,503.4	560,319.6
Husky Oil Operations Limited	97.1%	0.0%	**57,524.1**	**3**	15,830.2	3	41,693.9	3	3,436,864.9	1,967,186.4
Penn West Petroleum Ltd.	97.0%	1.6%	**36,582.9**	**4**	24,630.8	1	11,952.1	5	2,701,067.8	1,204,570.7
Shell Canada Energy	80.2%	-2.2%	**27,992.6**	**5**	21,252.8	2	6,739.8	7	1,422,475.0	141,461.3
Harvest Operations Corp.	92.0%	2.7%	**18,699.1**	**6**	10,847.5	4	7,851.6	6	1,374,973.0	234,094.6
Bonavista Petroleum Ltd.	94.1%	0.1%	**17,656.4**	**7**	3,739.0	15	13,917.4	4	808,874.4	299,355.2
Talisman Energy Inc.	95.7%	1.2%	**12,572.0**	**8**	6,786.7	9	5,785.3	8	1,064,460.7	294,060.2
Apache Canada Ltd.	95.6%	1.1%	**12,318.0**	**9**	8,512.3	7	3,805.7	10	717,175.8	281,067.9
Murphy Oil Company Ltd.	68.8%	0.3%	**9,751.0**	**10**	9,751.0	6	-	215	297,602.8	31,297.3
Pengrowth Corporation	98.0%	0.6%	**8,265.8**	**11**	6,374.0	10	1,891.8	16	1,144,924.0	413,588.4
Encana Oil & Gas Partnership	98.2%	-0.1%	**6,458.1**	**12**	2,129.3	30	4,328.8	9	2,566,747.0	349,737.7
Celtic Exploration Ltd.	70.5%	-3.5%	**6,372.1**	**13**	5,880.2	11	491.9	32	87,533.7	21,574.7
Nexen Inc.	87.0%	19.6%	**6,023.6**	**14**	2,405.4	27	3,618.2	11	750,437.7	46,213.3
Taqa North Ltd.	97.8%	2.7%	**5,377.1**	**15**	4,445.5	12	931.6	23	344,238.8	240,551.5
Daylight Energy Ltd.	94.2%	-1.5%	**4,649.9**	**16**	2,076.7	31	2,573.2	13	251,859.8	80,778.2
ARC Resources Ltd.	98.8%	0.2%	**4,567.8**	**17**	3,967.2	14	600.6	28	825,311.9	379,919.7
ConocoPhillips Canada Energy Partnership	97.4%	1.4%	**4,509.4**	**18**	3,012.5	22	1,496.9	18	268,258.0	170,060.6
ConocoPhillips Canada Resources Corp.	88.5%	-8.3%	**4,067.6**	**19**	4,032.9	13	34.7	122	902,080.7	35,336.2
Imperial Oil Resources	99.6%	-0.1%	**4,049.3**	**20**	3,733.4	16	315.9	42	8,561,492.4	1,052,291.7
Baytex Energy Ltd.	94.3%	1.1%	**3,878.7**	**21**	3,097.0	19	781.7	24	590,316.8	67,443.2
Nuvista Energy Ltd.	85.0%	31.3%	**3,590.2**	**22**	1,821.3	34	1,768.9	17	223,701.9	23,943.9
Bearspaw Petroleum Ltd.	73.7%	7.4%	**3,261.5**	**23**	3,261.5	17	-	215	72,766.4	12,380.0
Enermark Inc.	97.5%	0.4%	**3,206.1**	**24**	2,026.4	32	1,179.7	21	548,784.4	128,905.1
Avenir Operating Corp.	46.6%	-0.6%	**3,174.1**	**25**	3,073.6	20	100.5	79	34,684.3	5,948.2
Zapata Energy Corporation	79.9%	-2.2%	**3,164.9**	**26**	3,162.6	18	2.3	198	75,909.1	15,768.8
Crescent Point General Partner Corp.	78.1%	-5.7%	**3,114.4**	**27**	3,059.5	21	54.9	99	63,771.3	14,202.4
Iteration Energy Ltd.	95.6%	1.1%	**2,927.5**	**28**	2,833.0	23	94.5	84	174,689.4	65,932.4
Buffalo Resources Corp.	24.9%	-66.7%	**2,883.5**	**29**	91.6	171	2,791.9	12	69,362.7	3,839.7
Enerplus Resources Corporation	97.6%	0.3%	**2,861.4**	**30**	2,645.0	24	216.4	53	298,968.7	117,810.3
Canadian Forest Oil Ltd.	91.3%	-4.6%	**2,821.9**	**31**	806.5	56	2,015.4	14	103,775.4	32,390.3
Crew Energy Inc.	94.2%	-5.4%	**2,644.9**	**32**	2,617.7	25	27.2	131	162,269.0	45,935.9
Galleon Energy Inc.	96.6%	2.0%	**2,611.6**	**33**	2,468.9	26	142.7	65	232,244.4	76,266.5
Enterra Energy Corp.	89.6%	-1.3%	**2,310.5**	**34**	2,152.6	29	157.9	62	113,071.9	22,209.7
Crescent Point Energy Corp.	83.7%		**2,309.1**	**35**	2,294.2	28	14.9	151	63,229.1	14,199.3

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PROVINCIAL RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Vermilion Resources Ltd.	93.6%	-0.4%	**2,133.6**	**36**	1,480.6	39	653.0	26	129,521.0	33,379.4
Exxonmobil Canada Ltd. & Exxonmobil Resources Ltd.	98.5%	-0.6%	**2,114.7**	**37**	1,865.9	33	248.8	51	126,220.3	138,853.4
Provident Energy Ltd.	97.1%	0.4%	**2,095.8**	**38**	1,654.1	35	441.7	36	134,716.7	71,271.2
Twin Butte Energy Ltd.	95.9%	-1.9%	**2,061.8**	**39**	731.8	60	1,330.0	19	57,779.5	50,517.2
Glencoe Resources Ltd.	95.3%	61.4%	**1,972.8**	**40**	-	274	1,972.8	15	8,421.9	42,290.0
Advantage Oil & Gas Ltd.	98.8%	0.7%	**1,838.9**	**41**	1,228.2	45	610.7	27	265,886.3	156,546.1
Provident Acquisitions L.P.	88.7%	2.9%	**1,640.1**	**42**	1,616.9	36	23.2	134	43,058.4	14,480.6
Wild Stream Exploration Inc.	15.1%		**1,635.0**	**43**	1,527.8	37	107.2	75	16,474.9	1,926.7
Exall Energy Corporation	12.9%	12.9%	**1,594.9**	**44**	304.3	106	1,290.6	20	27,045.1	1,830.5
Triaxon Energy Inc.	90.1%	-9.2%	**1,592.9**	**45**	1,280.5	42	312.4	43	42,152.8	16,071.1
EOG Resources Canada Inc.	98.4%	0.1%	**1,586.4**	**46**	1,331.2	41	255.2	49	91,696.1	97,938.5
NAL Resources Limited	99.7%	0.2%	**1,568.1**	**47**	1,078.7	49	489.4	33	356,721.5	477,720.4
Signalta Resources Limited	86.5%	-1.1%	**1,504.4**	**48**	500.1	78	1,004.3	22	20,094.7	11,154.3
Nordegg Resources Inc.	11.5%	11.5%	**1,491.6**	**49**	1,491.6	38	-	215	23,009.6	1,685.9
Petro-Canada	96.2%	-2.9%	**1,448.5**	**50**	1,448.3	40	0.2	213	1,463,924.5	37,653.8
Bonterra Energy Corp.	97.4%	0.0%	**1,427.4**	**51**	712.2	61	715.2	25	141,584.3	54,845.5
Birchcliff Energy Ltd.	98.3%	3.1%	**1,337.9**	**52**	1,125.2	47	212.7	55	141,701.2	78,009.4
Second Wave Petroleum Inc.	92.7%	11.0%	**1,273.1**	**53**	1,270.6	43	2.5	196	22,764.6	17,462.2
Arcan Resources Ltd.	93.7%	-1.2%	**1,267.9**	**54**	1,266.3	44	1.6	201	81,425.1	20,078.5
Breaker Energy Ltd.	97.7%	8.3%	**1,255.8**	**55**	1,089.8	48	166.0	58	164,249.3	53,855.5
Pearl E&P Canada Ltd.	95.1%	6.4%	**1,215.8**	**56**	1,178.2	46	37.6	118	76,077.6	24,647.7
FET Resources Ltd.	75.0%	-17.2%	**1,184.4**	**57**	919.8	52	264.6	48	27,932.7	4,737.1
Compton Petroleum Corporation	96.7%	0.7%	**1,155.5**	**58**	668.9	64	486.6	34	59,136.3	35,194.8
Petrobakken Development Ltd.	98.9%		**1,064.0**	**59**	766.9	57	297.1	46	155,853.3	97,593.8
Arsenal Energy Inc.	81.0%	-10.7%	**1,031.5**	**60**	1,030.0	50	1.5	202	57,355.0	5,430.7
Trilogy Resources Ltd.	99.0%		**987.0**	**61**	869.9	54	117.1	70	181,793.7	96,335.2
Sword Energy Inc.	98.1%	-0.4%	**946.8**	**62**	394.8	94	552.0	31	159,793.4	50,172.8
Churchill Energy Inc.	19.0%	2.1%	**933.4**	**63**	933.4	51	-	215	8,889.6	1,152.1
Sifton Energy Inc.	92.2%	1.7%	**909.8**	**64**	437.0	86	472.8	35	20,915.2	11,687.8
Cenovus Energy Inc.	95.7%		**902.9**	**65**	470.8	82	432.1	37	237,601.1	20,920.9
Paramount Resources Ltd.	95.6%	-0.8%	**892.9**	**66**	887.9	53	5.0	181	35,257.1	20,077.0
Petrobank Energy and Resources Ltd.	95.5%	-3.5%	**828.8**	**67**	698.9	62	129.9	67	20,777.7	18,478.6
Barnwell of Canada Limited	82.7%	-11.8%	**825.2**	**68**	813.9	55	11.3	161	10,564.0	1,830.5
Zargon Oil & Gas Ltd.	91.1%	-1.3%	**813.4**	**69**	741.1	58	72.3	92	91,094.3	9,166.8
ConocoPhillips Western Canada Partnership	99.6%		**747.9**	**70**	740.8	59	7.1	170	208,796.3	192,906.3

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PROVINCIAL RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
ConocoPhillips Canada (BRC) Partnership	99.7%	0.2%	**722.6**	**71**	484.0	79	238.6	52	247,808.9	271,473.5
Trafina Energy Ltd.	1.9%	-17.6%	**697.0**	**72**	697.0	63	-	215	1,811.3	710.7
Rife Resources Ltd.	97.4%	-0.9%	**674.2**	**73**	423.1	89	251.1	50	145,203.9	26,300.7
EnCana Corporation	98.0%	3.5%	**672.0**	**74**	297.8	107	374.2	40	240,390.2	33,626.3
Bronco Energy Ltd.	97.6%	12.9%	**654.7**	**75**	606.6	69	48.1	109	49,260.0	27,030.0
Fairborne Energy Ltd.	98.7%	3.0%	**650.4**	**76**	650.4	65	-	215	116,282.7	49,328.3
Temple Energy Inc.	0.0%	0.0%	**642.6**	**77**	642.6	66	-	215	371.4	642.6
Great Plains Exploration Inc.	33.6%	-6.7%	**638.5**	**78**	542.3	72	96.2	81	16,965.3	961.0
Profound Energy Inc.	98.1%	18.7%	**632.5**	**79**	632.5	67	-	215	29,280.9	32,924.6
Gentry Resources Ltd.	86.7%	3.1%	**623.6**	**80**	623.6	68	-	215	27,007.8	4,683.2
Connacher Oil and Gas Limited	93.9%	-5.9%	**606.7**	**81**	540.6	74	66.1	95	379,662.8	9,961.9
Rock Energy Ltd.	91.3%	1.4%	**598.9**	**82**	-	274	598.9	29	32,629.2	6,841.8
Fairwest Energy Corporation	86.2%	6.7%	**582.0**	**83**	538.9	75	43.1	115	10,549.7	4,230.6
Mosaic Energy Ltd.	91.8%	-0.6%	**581.6**	**84**	577.9	70	3.7	189	16,627.2	7,108.5
Drumlin Energy Corp.	80.1%	41.9%	**572.0**	**85**	-	274	572.0	30	22,345.4	2,867.1
Compass Petroleum Inc.	72.8%	-8.4%	**570.4**	**86**	548.5	71	21.9	137	17,129.5	2,092.9
Skylight Energy Resources Ltd.	81.1%	4.5%	**559.7**	**87**	403.6	93	156.1	63	5,311.6	2,966.0
Cenovus FCCL Ltd.	99.3%		**542.0**	**88**	542.0	73	-	215	4,376,513.5	73,872.6
Alberta Oilsands Inc.	30.3%	-3.4%	**534.6**	**89**	534.6	76	-	215	2,402.3	766.5
Fortune Energy Inc.	31.3%	1.1%	**529.2**	**90**	529.2	77	-	215	21,462.0	770.0
Action Energy Inc.	97.1%	1.1%	**524.6**	**91**	258.0	117	266.6	47	24,512.6	18,310.6
Hunt Oil Company of Canada, Inc.	99.3%	0.5%	**521.5**	**92**	405.3	91	116.2	72	167,356.5	76,858.2
Oakmont Energy Ltd.	58.1%	21.3%	**479.0**	**93**	451.8	84	27.2	131	6,277.6	1,142.6
Anterra Energy Inc.	51.3%	18.4%	**478.7**	**94**	478.6	80	0.1	214	5,834.6	983.7
Exoro Energy Inc.	76.3%	-19.4%	**477.4**	**95**	477.2	81	0.2	213	2,956.8	2,011.7
Culane Energy Corp.	97.6%	0.4%	**468.4**	**96**	53.9	195	414.5	39	56,819.5	19,332.6
Tusk Energy Corporation	92.6%	-5.0%	**463.6**	**97**	463.6	83	-	215	19,331.5	6,237.2
Rock Energy Inc.	90.2%		**447.7**	**98**	23.5	228	424.2	38	27,664.3	4,571.6
Enerplus Oil & Gas Ltd.	81.4%	-5.7%	**446.8**	**99**	446.8	85	-	215	3,891.3	2,398.0
Enerplus Commercial Trust	99.2%	-0.1%	**443.0**	**100**	370.1	97	72.9	91	48,600.9	54,389.6
Horseshoe Bay Resources Limited	4.4%	-43.3%	**435.5**	**101**	435.5	87	-	215	999.4	455.5
Goldenkey Oil Inc.	0.0%	0.0%	**432.6**	**102**	432.6	88	-	215	801.6	432.6
MEC Operating Company ULC	98.0%	0.3%	**419.8**	**103**	281.8	113	138.0	66	89,693.4	20,910.1
Exshaw Oil Corp.	99.1%	0.4%	**406.8**	**104**	406.8	90	-	215	38,910.5	45,894.4
Standard Energy Inc.	97.8%	6.9%	**403.9**	**105**	403.9	92	-	215	9,074.0	18,004.5

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CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Direct Energy Marketing Limited	96.3%	-0.2%	**403.2**	**106**	387.8	95	15.4	150	25,022.9	10,819.3
Bellamont Exploration Ltd.	92.6%	2.8%	**392.3**	**107**	318.6	103	73.7	89	11,212.8	5,321.8
Navarone Energy Corporation	80.3%	-13.9%	**391.5**	**108**	377.1	96	14.4	153	5,661.1	1,987.7
Serrano Energy Ltd.	0.0%	0.0%	**377.1**	**109**	17.9	237	359.2	41	7,366.3	377.1
Vero Energy Inc.	98.4%	0.4%	**376.0**	**110**	296.2	108	79.8	86	9,737.2	22,830.9
Progress Energy Ltd.	98.4%	0.7%	**365.7**	**111**	247.1	123	118.6	69	34,588.2	22,552.5
PanTerra Resource Corp.	2.1%		**362.6**	**112**	362.6	98	-	215	857.9	370.3
Milestone Exploration Inc	87.4%	31.3%	**356.6**	**113**	356.6	99	-	215	18,330.5	2,825.7
97837 Resources Ltd.	29.0%	-0.1%	**353.5**	**114**	345.1	101	8.4	168	1,140.5	497.6
Trilogy Blue Mountain Ltd.	90.5%	-0.3%	**353.4**	**115**	353.4	100	-	215	7,590.4	3,712.9
True Energy Inc.	98.5%	-0.6%	**349.9**	**116**	309.9	104	40.0	117	11,597.5	23,505.2
Seaview Energy Inc.	7.7%	0.7%	**344.2**	**117**	344.2	102	-	215	2,801.6	372.9
Provident Energy Resources Inc.	98.9%	-0.5%	**339.6**	**118**	285.2	111	54.4	102	110,458.2	30,987.5
Cabrerra Resources Ltd.	99.2%	0.1%	**331.2**	**119**	20.6	231	310.6	44	21,178.5	43,533.7
Total E&P Joslyn Ltd.	0.0%	0.0%	**318.8**	**120**	140.3	151	178.5	57	32,504.8	1.5
Argosy Energy Inc.	0.0%	0.0%	**310.4**	**121**	-	274	310.4	45	1,365.8	310.4
Anderson Energy Ltd.	96.9%	0.3%	**308.6**	**122**	256.0	119	52.6	105	10,678.7	9,920.2
Japan Canada Oil Sands Limited	93.9%	3.4%	**307.1**	**123**	307.1	105	-	215	411,603.9	5,025.1
Caltex Energy Inc.	68.8%	-10.7%	**293.3**	**124**	293.2	109	0.1	214	3,092.5	940.3
Suncor Energy Oil and Gas Partnership	99.2%		**286.6**	**125**	286.3	110	0.3	212	70,914.2	34,884.9
Path Resources Ltd.	18.3%	5.4%	**283.8**	**126**	279.0	114	4.8	183	1,883.8	347.4
Mahalo Energy Ltd.	9.7%	-18.1%	**283.5**	**127**	283.5	112	-	215	1,400.6	314.1
Kaiser Exploration Ltd.	94.3%	4.4%	**279.4**	**128**	223.5	126	55.9	98	8,167.2	4,914.8
Berens Energy Ltd.	97.6%	-1.4%	**278.8**	**129**	272.3	116	6.5	174	8,787.6	11,804.4
Suncor Energy Inc.	98.9%	-0.2%	**274.2**	**130**	274.2	115	-	215	3,172,738.4	24,949.1
Sphere Energy Corp.	11.7%	9.0%	**267.7**	**131**	255.7	120	12.0	159	1,538.9	303.2
Provident Acquisitions Inc.	98.2%	-0.3%	**267.2**	**132**	172.2	138	95.0	82	8,136.0	14,517.1
Bowood Energy Corp.	95.2%	23.1%	**257.4**	**133**	257.4	118	-	215	3,365.8	5,318.6
Jayhawk Resources Ltd.	0.0%	-10.2%	**253.3**	**134**	253.3	121	-	215	508.8	253.4
Onyx 2006 Inc.	98.0%	-0.7%	**250.9**	**135**	250.9	122	-	215	2,238.6	12,819.0
North Peace Energy Corp.	0.0%		**239.9**	**136**	239.9	124	-	215	2,888.6	239.9
Novus Energy Inc.	21.6%		**230.6**	**137**	230.6	125	-	215	1,051.5	294.1
Esprit Exploration Ltd.	99.1%	0.0%	**223.1**	**138**	22.8	230	200.3	56	27,863.7	23,966.1
Artek Exploration Ltd.	95.2%	0.3%	**218.9**	**139**	218.9	127	-	215	6,405.5	4,586.5
Flow-Back Oil & Gas Ltd.	0.0%	0.0%	**216.4**	**140**	216.4	128	-	215	157.9	216.4

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PROVINCIAL RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Polar Star Canadian Oil and Gas, Inc.	98.6%		**216.0**	**141**	209.2	131	6.8	171	43,711.9	15,235.2
Benjaka Exploration Inc.	0.0%	-17.2%	**215.6**	**142**	215.6	129	-	215	481.6	215.6
Wolf Coulee Resources Inc.	75.8%	31.9%	**214.7**	**143**	214.7	130	-	215	2,111.9	888.6
Midlake Oil & Gas Limited	11.3%	-14.5%	**213.8**	**144**	-	274	213.8	54	3,453.2	241.1
Alexander Oilfield Services Ltd.	63.5%	-23.3%	**204.9**	**145**	202.5	132	2.4	197	1,722.4	561.6
Eng-Land Energy Ltd.	0.0%	0.0%	**198.5**	**146**	198.5	133	-	215	211.4	198.5
Darian Resources Ltd.	94.5%	4.1%	**193.9**	**147**	189.6	134	4.3	186	5,707.0	3,538.7
Corinthian Energy Corp.	96.8%	4.4%	**189.2**	**148**	33.7	215	155.5	64	15,861.3	5,896.8
Mancal Energy Inc.	98.4%	10.2%	**186.4**	**149**	186.4	135	-	215	61,398.0	11,783.0
Monterey Exploration Ltd.	97.0%	-0.5%	**183.8**	**150**	179.9	137	3.9	188	24,718.7	6,064.5
Midnight Oil Exploration Ltd.	77.6%	-1.7%	**182.8**	**151**	182.8	136	-	215	18,861.3	815.0
Omers Energy Inc.	74.4%	3.6%	**179.0**	**152**	162.6	141	16.4	147	2,861.0	698.3
Verge Energy Corp.	86.3%	-4.2%	**171.7**	**153**	171.7	139	-	215	6,465.1	1,251.3
Ridgeback Exploration Ltd.	8.7%	8.7%	**170.8**	**154**	170.8	140	-	215	1,096.1	187.0
Leddy Exploration Limited	92.0%	1.2%	**167.5**	**155**	112.8	162	54.7	101	10,859.1	2,091.7
Highpine Oil & Gas Limited	99.8%	0.0%	**167.4**	**156**	58.6	190	108.8	74	243,281.6	106,159.5
Superman Resources Inc.	87.0%	-4.8%	**164.6**	**157**	-	274	164.6	59	727.6	1,265.1
Winstar Resources Ltd.	64.0%	-6.2%	**161.3**	**158**	-	274	161.3	60	3,212.6	448.2
Kinuso Mercantile Ltd.	69.7%	-5.6%	**161.1**	**159**	149.8	146	11.3	161	4,413.9	531.5
Venturion Natural Resources Limited	99.0%	-0.4%	**160.7**	**160**	143.7	149	17.0	146	66,940.0	16,317.7
Ish Energy Ltd.	70.8%	14.9%	**159.4**	**161**	158.9	142	0.5	210	532.3	546.5
Saffron Energy Ltd.	80.6%	4.6%	**158.8**	**162**	-	274	158.8	61	2,415.5	816.8
Grizzly Resources Ltd.	0.0%		**158.0**	**163**	158.0	143	-	215	726.7	158.0
Dark Energy Ltd.	63.7%	0.1%	**157.5**	**164**	52.2	197	105.3	76	8,076.3	433.7
West Energy Partnership	99.5%	-0.3%	**156.1**	**165**	156.1	144	-	215	158,191.4	33,389.4
Glenogle Energy Inc.	83.7%		**152.9**	**166**	152.9	145	-	215	1,354.7	936.4
Masters Energy Inc.	98.2%	0.0%	**152.2**	**167**	148.3	147	3.9	188	31,803.9	8,410.3
Central Global Resources Ulc	97.9%	4.3%	**146.7**	**168**	47.3	198	99.4	80	12,504.6	6,859.1
Conserve Oil Corporation	84.5%		**146.6**	**169**	145.9	148	0.7	209	2,181.0	947.8
Sure Energy Inc.	95.5%	-1.5%	**145.9**	**170**	133.8	152	12.1	158	1,841.6	3,230.7
Midway Energy Ltd.	93.2%		**145.7**	**171**	36.6	210	109.1	73	10,007.2	2,149.7
Canadian Coastal Resources Ltd.	0.0%	0.0%	**140.4**	**172**	140.4	150	-	215	709.3	140.4
Whitehall Energy Ltd.	10.4%	10.4%	**133.1**	**173**	133.1	153	-	215	2,285.7	148.6
Canflame Energy Ltd.	95.4%	0.6%	**131.4**	**174**	131.4	154	-	215	3,776.5	2,825.5
Spartan Exploration Ltd.	84.7%		**131.2**	**175**	131.2	155	-	215	2,409.7	857.8

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PROVINCIAL RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Petrocardium Exploration Ltd.	96.3%		**130.5**	**176**	130.5	156	-	215	9,055.4	3,532.3
International Sovereign Energy Corp.	20.5%	-1.8%	**128.4**	**177**	128.4	157	-	215	1,930.7	161.5
Sutton Energy Ltd.	0.0%	0.0%	**128.3**	**178**	128.3	158	-	215	240.1	128.3
Salvo Energy Corporation	99.6%	-0.4%	**127.3**	**179**	92.1	170	35.2	121	8,140.0	30,489.1
Alban Energy Ltd.	30.5%	14.7%	**124.9**	**180**	124.9	159	-	215	261.6	179.7
Orion Oil & Gas (North America) Ltd.	99.2%		**124.8**	**181**	122.2	160	2.6	195	33,654.3	15,410.8
Prosper Petroleum Ltd.	0.0%	0.0%	**123.5**	**182**	-	274	123.5	68	103,851.0	123.5
Coastal Resources Limited	95.2%	2.1%	**123.3**	**183**	100.5	165	22.8	135	20,195.6	2,545.4
Kobi Resources Ltd.	92.9%	-6.0%	**118.3**	**184**	92.4	169	25.9	133	3,929.3	1,659.3
Angle Energy Inc.	98.7%	-1.3%	**117.3**	**185**	115.4	161	1.9	200	2,554.1	8,951.0
Scollard Energy Inc.	93.1%	6.2%	**116.6**	**186**	-	274	116.6	71	7,848.3	1,678.0
Canext Energy Ltd.	92.8%	-6.8%	**111.6**	**187**	111.6	163	-	215	16,805.1	1,547.4
Timberrock Energy Corp.	51.9%	12.6%	**110.3**	**188**	107.4	164	2.9	194	1,089.8	229.5
Iberdrola Canada Energy Services Ltd.	99.8%	-0.2%	**104.0**	**189**	-	274	104.0	77	5,588.4	61,188.4
Concerto Resources Ltd.	40.4%	-0.6%	**103.9**	**190**	-	274	103.9	78	682.5	174.2
Western Canada Energy Ltd.	96.7%	3.8%	**100.7**	**191**	39.0	208	61.7	96	2,954.9	3,009.9
Artemis Exploration Inc.	80.7%	13.7%	**98.3**	**192**	98.3	166	-	215	8,855.0	509.1
Rustum Petroleums Limited	0.0%	0.0%	**98.1**	**193**	30.3	221	67.8	94	3,661.3	98.1
New Range Resources Ltd.	89.0%	5.0%	**97.4**	**194**	97.4	167	-	215	1,969.0	882.4
Storm Exploration Inc.	70.0%	-0.3%	**95.5**	**195**	83.7	175	11.8	160	12,162.2	317.8
Cangild Resources Ltd.	0.0%	0.0%	**94.6**	**196**	-	274	94.6	83	268.5	94.6
Spry Energy Ltd.	79.6%	79.6%	**93.1**	**197**	93.1	168	-	215	17,460.3	456.2
Transaction Oil & Gas Ventures Inc.	0.0%		**92.7**	**198**	-	274	92.7	85	717.3	92.7
Bellatrix Exploration Ltd.	98.3%		**91.6**	**199**	85.8	173	5.8	177	2,627.5	5,391.7
Pradera Resources Inc.	0.0%	0.0%	**90.3**	**200**	90.0	172	0.3	212	2,118.1	90.3
Canadian Superior Energy Inc.	99.1%	2.3%	**84.6**	**201**	64.3	185	20.3	140	16,900.7	9,523.1
PMC (Nova Scotia) Company	0.0%	0.0%	**84.2**	**202**	84.2	174	-	215	-	-
Quatro Resources Inc.	98.5%	-1.4%	**83.7**	**203**	83.0	176	0.7	209	6,498.5	5,751.8
Keyera Energy Ltd.	99.9%	0.1%	**81.1**	**204**	81.1	177	-	215	34,527.4	61,771.4
Cobalt Energy Ltd.	0.0%	0.0%	**80.2**	**205**	80.2	178	-	215	380.6	80.2
Blaze Energy Ltd.	99.8%	0.6%	**79.8**	**206**	79.8	179	-	215	35,578.3	39,828.2
Barrick Energy Inc.	99.9%	0.1%	**78.2**	**207**	78.2	180	-	215	140,339.8	59,797.8
Sogar Resources Ltd.	98.1%	0.1%	**76.6**	**208**	-	274	76.6	87	6,115.4	3,962.6
Halvar Resources Ltd.	65.9%	1.7%	**75.8**	**209**	75.8	181	-	215	10,759.3	222.4
Optimus Energy Limited	0.0%		**74.9**	**210**	-	274	74.9	88	275.1	74.9

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CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Hermes Energy Corp.	80.6%	-10.8%	**74.7**	**211**	74.7	182	-	215	4,147.1	384.0
Delphi Energy Corp.	99.1%	2.4%	**74.4**	**212**	74.4	183	-	215	26,943.9	8,075.0
Crossbow Energy Partners Ltd.	44.6%		**73.6**	**213**	-	274	73.6	90	1,810.5	132.8
White Ram Resources Ltd.	35.3%	28.5%	**71.8**	**214**	-	274	71.8	93	488.0	111.0
Westfire Energy Ltd.	99.1%	-0.5%	**69.7**	**215**	41.6	205	28.1	129	6,096.8	7,502.4
Cougar Energy Inc.	0.0%		**68.4**	**216**	14.4	239	54.0	103	2,361.1	68.4
1471002 Alberta Ltd.	0.0%		**65.9**	**217**	65.9	184	-	215	199.2	65.9
Response Energy Corporation	96.1%	8.2%	**65.8**	**218**	53.2	196	12.6	155	9,006.0	1,676.0
Border Petroleum Inc.	31.3%	4.1%	**64.4**	**219**	43.4	200	21.0	138	1,276.1	93.7
Emerge Oil & Gas Inc.	80.2%		**63.4**	**220**	11.7	242	51.7	106	5,322.4	319.8
Tykewest Limited	79.9%	1.3%	**63.4**	**220**	55.4	192	8.0	169	3,374.4	315.3
Owl River Resources Ltd.	94.1%	2.5%	**63.3**	**221**	63.3	186	-	215	1,110.4	1,077.8
Jaco Energy Limited	84.4%	-5.9%	**61.8**	**222**	59.5	189	2.3	198	5,519.0	394.8
Ridal Resource Ltd.	0.0%	0.0%	**61.4**	**223**	-	274	61.4	97	1,265.7	61.4
Cutpick Energy Inc.	83.8%		**61.3**	**224**	61.3	187	-	215	1,927.2	378.1
Ravenwood Energy Corp.	99.3%	19.4%	**59.9**	**225**	59.9	188	-	215	23,168.6	8,653.0
Bering Exploration, Company, Ulc	32.0%		**59.3**	**226**	58.5	191	0.8	208	1,814.5	87.2
Bountiful Resources Inc.	97.2%	7.6%	**58.5**	**227**	13.9	240	44.6	114	4,491.6	2,076.2
South Ridge Management Ltd.	0.0%	0.0%	**55.3**	**228**	55.3	193	-	215	351.7	55.3
Deep Creek Oil & Gas Inc.	93.4%	-4.5%	**54.8**	**229**	-	274	54.8	100	1,344.9	824.1
Creo Energy Ltd.	0.0%	0.0%	**54.1**	**230**	54.1	194	-	215	596.9	54.1
Daylight Amalgamationco Ltd.	99.9%		**54.0**	**231**	17.2	238	36.8	120	104,593.6	51,524.7
Shanpet Resources Ltd.	89.0%	29.3%	**53.8**	**232**	-	274	53.8	104	2,483.2	487.8
Mo's Supervising & Consulting Ltd.	0.0%	0.0%	**50.8**	**233**	-	274	50.8	107	135.5	50.8
Spade Resources Ltd.	0.0%	0.0%	**50.3**	**234**	-	274	50.3	108	562.8	50.3
Centrica Canada Limited	99.4%	0.9%	**50.1**	**235**	41.2	206	8.9	165	10,506.6	8,549.7
Mato Inc.	96.0%	0.9%	**50.1**	**235**	2.9	259	47.2	112	586.1	1,266.2
KinMerc Oil & Gas Inc.	52.7%		**48.0**	**236**	41.9	204	6.1	176	971.7	101.4
Kallisto Energy Corp.	0.0%		**47.9**	**237**	-	274	47.9	110	962.1	47.9
Dantel Resources Ltd.	0.0%	0.0%	**47.5**	**238**	-	274	47.5	111	47.6	47.5
Primrose Drilling Ventures Ltd.	98.5%	-0.5%	**45.4**	**239**	-	274	45.4	113	4,169.5	3,072.8
BP Canada Energy Company	100.0%	0.1%	**45.0**	**240**	40.6	207	4.4	185	8,937.7	96,139.9
Petenco Resources Ltd.	96.3%	4.3%	**44.9**	**241**	44.9	199	-	215	766.6	1,195.9
Sedna Oil and Gas Ltd.	34.8%		**44.1**	**242**	42.6	202	1.5	202	523.7	67.6
Ramier Resources Ltd.	0.0%	0.0%	**43.0**	**243**	43.0	201	-	215	353.9	43.0

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CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
MEG Energy Corp.	95.8%	95.8%	**42.1**	**244**	42.1	203	-	215	200,587.2	1,002.7
Seven Generations Energy Ltd.	99.3%	-0.7%	**40.4**	**245**	-	274	40.4	116	1,423.9	5,683.2
Ribbon Creek Resources Inc.	98.2%	0.0%	**40.1**	**246**	19.2	234	20.9	139	3,324.9	2,273.4
Trilogy Redsky Ltd.	99.2%	-0.2%	**39.4**	**247**	11.5	243	27.9	130	1,708.9	4,863.6
Lift Resources Inc.	7.3%		**37.9**	**248**	11.0	244	26.9	132	1,640.8	40.9
1483383 Alberta Ltd.	92.6%		**37.6**	**249**	5.2	256	32.4	126	710.8	505.4
Brand S Resources Ltd.	0.0%	0.0%	**37.5**	**250**	37.5	209	-	215	401.9	37.5
Gold Ridge Investments Corporation	0.0%	0.0%	**37.0**	**251**	-	274	37.0	119	158.5	37.0
Cal-Ranch Resources Inc.	0.0%	0.0%	**36.2**	**252**	36.2	211	-	215	481.4	36.2
Indra Oil & Gas Ltd.	0.0%	0.0%	**36.2**	**252**	32.3	219	3.9	188	1,693.6	36.2
Mika Resources Ltd	96.2%	-0.2%	**36.0**	**253**	36.0	212	-	215	285.6	943.9
Eclipse Resources Ltd.	99.6%	0.8%	**35.3**	**254**	30.4	220	4.9	182	7,695.1	7,851.0
Paramount Energy Operating Corp.	99.5%	11.7%	**34.5**	**255**	34.5	213	-	215	18,296.3	6,491.9
Ceno Energy Limited	85.0%	85.0%	**34.0**	**256**	-	274	34.0	123	2,164.3	226.1
Rockbridge Energy Alberta Inc.	92.9%	-1.5%	**33.9**	**257**	33.9	214	-	215	558.4	477.2
Regent Resources Ltd.	89.2%	-10.8%	**33.1**	**258**	33.1	216	-	215	513.0	306.8
Pennine Petroleum Corporation	6.5%	-78.5%	**32.9**	**259**	32.9	217	-	215	900.8	35.2
Madison Energy Corp.	99.2%	0.1%	**32.8**	**260**	-	274	32.8	124	3,477.9	4,326.2
Baseline Oil & Gas Inc.	0.0%	0.0%	**32.5**	**261**	-	274	32.5	125	460.2	32.5
Rise Resources Corp.	98.3%	-0.4%	**32.4**	**262**	32.4	218	-	215	1,720.5	1,859.5
Barcomp Petroleum Ltd.	0.0%	0.0%	**31.6**	**263**	-	274	31.6	127	7,745.4	31.6
New North Resources Ltd.	0.0%	0.0%	**31.2**	**264**	-	274	31.2	128	934.3	31.2
Stonefire Energy Corp.	96.7%	-3.3%	**30.4**	**265**	18.2	236	12.2	157	12,662.5	921.9
Cowboy Exploration Ltd.	0.0%		**29.5**	**266**	29.5	222	-	215	117.8	29.5
Yoho Resources Inc.	98.9%	4.0%	**29.2**	**267**	29.2	223	-	215	638.0	2,664.8
Beaver Lake Resources Corporation	0.0%	0.0%	**28.8**	**268**	28.8	224	-	215	525.4	28.8
Base Resources Inc.	99.5%	0.5%	**27.9**	**269**	27.9	225	-	215	754.6	5,207.1
Yellow Brick Energy Ltd.	97.9%	-2.1%	**27.3**	**270**	27.3	226	-	215	2,691.7	1,303.9
Surat Energy Inc.	94.3%	-1.8%	**25.2**	**271**	25.2	227	-	215	1,028.8	442.8
ConocoPhillips Canada (BRC) Ltd.	99.6%	0.6%	**24.5**	**272**	20.2	232	4.3	186	4,302.9	6,109.9
Avalon Exploration Ltd.	0.0%		**23.2**	**273**	-	274	23.2	134	126.1	23.2
Oneex Operations Partnership	91.2%	-8.8%	**23.1**	**274**	23.1	229	-	215	1,255.6	263.2
Baccalieu Energy Inc.	94.7%		**22.7**	**275**	-	274	22.7	136	696.3	428.5
Gamet Resources Ltd.	80.8%	80.8%	**22.7**	**275**	5.7	254	17.0	146	1,142.0	118.4
Exen Resources Inc.	67.7%	38.3%	**21.5**	**276**	2.0	262	19.5	143	2,676.9	66.6

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PROVINCIAL RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
545279 Alberta Limited	0.0%	0.0%	**20.0**	**277**	-	274	20.0	141	199.0	20.0
Martin Head Oil & Gas Ltd.	96.7%	12.8%	**19.8**	**278**	18.4	235	1.4	203	1,446.9	601.2
Ivory Energy Inc.	0.0%	0.0%	**19.6**	**279**	-	274	19.6	142	184.9	19.6
Dirham Oil (2000) Inc.	0.0%	0.0%	**19.5**	**280**	19.5	233	-	215	88.6	19.5
Solara Exploration Ltd.	96.2%	15.9%	**19.4**	**281**	-	274	19.4	144	6,340.7	511.8
Silver Blaze Energy Ltd.	88.5%	4.6%	**18.8**	**282**	-	274	18.8	145	1,330.4	163.6
7198621 Canada Inc.	99.5%		**16.0**	**283**	1.5	265	14.5	152	7,982.8	3,182.6
Seven Energy (Canada) Inc.	98.3%		**15.8**	**284**	-	274	15.8	148	594.6	941.3
Hard Rock Resources Ltd.	92.4%	0.6%	**15.6**	**285**	-	274	15.6	149	1,668.9	204.7
Joli Fou Petroleums Ltd	75.1%	75.1%	**14.1**	**286**	-	274	14.1	154	1,544.4	56.6
Texokcan Extreme General Partner Ltd.	97.8%		**13.1**	**287**	13.1	241	-	215	1,773.1	587.1
Mount Dakota Energy Corp.	0.0%	0.0%	**12.5**	**288**	-	274	12.5	156	456.0	12.5
Macon Oil & Gas Corp.	98.9%	0.4%	**12.2**	**289**	-	274	12.2	157	1,505.2	1,136.1
Berry Creek Resources Inc.	95.8%	-4.2%	**11.0**	**290**	10.5	245	0.5	210	173.2	258.6
Emerald Bay Energy Inc.	0.0%	0.0%	**10.9**	**291**	-	274	10.9	162	1,107.4	10.9
NEO Exploration Inc.	68.4%		**10.9**	**291**	-	274	10.9	162	1,021.4	34.5
Reid Resources Ltd.	0.0%	0.0%	**10.9**	**291**	-	274	10.9	162	996.7	10.9
Koch Exploration Canada G/P Ltd.	0.0%	0.0%	**10.5**	**292**	-	274	10.5	163	1,575.8	10.5
Palliser Oil & Gas Corporation	9.9%		**10.0**	**293**	-	274	10.0	164	128.9	11.1
Seaview Exploration Ltd.	0.0%	0.0%	**9.6**	**294**	9.6	246	-	215	16.8	9.6
Crocotta Energy Inc.	99.8%	0.0%	**8.8**	**295**	-	274	8.8	166	27,057.7	5,675.1
Cequence Energy Ltd.	99.8%		**8.7**	**296**	-	274	8.7	167	3,612.0	4,008.7
Trend Resources Corporation	82.2%	0.2%	**8.5**	**297**	7.2	249	1.3	204	64.7	47.8
South Bay Resources Canada, Ulc.	0.0%		**8.0**	**298**	8.0	247	-	215	330.0	8.0
Four Winds Energy Services Ltd.	80.4%	50.0%	**7.5**	**299**	7.5	248	-	215	707.4	38.2
Band Energy Resources Ltd.	32.1%	-5.7%	**7.2**	**300**	0.8	269	6.4	175	198.7	10.6
NAL Petroleum (ACE) Ltd.	99.9%		**7.1**	**301**	7.1	250	-	215	6,683.2	8,654.8
Nordic Oil & Gas Ltd.	0.0%	0.0%	**6.9**	**302**	6.9	251	-	215	2,912.4	6.9
Alberta Petroleum Energy Limited	0.0%	0.0%	**6.7**	**303**	-	274	6.7	172	2,199.1	6.7
Ferrybank Resources Ltd.	98.4%	-0.3%	**6.7**	**303**	-	274	6.7	172	2,261.3	407.2
Welleco Ventures Ltd.	57.6%	-14.0%	**6.7**	**303**	-	274	6.7	172	399.5	15.8
Emm Energy Inc.	98.1%	-1.7%	**6.6**	**304**	-	274	6.6	173	2,564.6	342.7
935821 Alberta Ltd.	0.0%	0.0%	**6.2**	**305**	6.2	252	-	215	232.4	6.2
BNP Resources Inc.	97.6%	61.3%	**6.2**	**305**	6.2	252	-	215	306.2	262.3
Kootenay Energy Inc.	0.0%	0.0%	**5.9**	**306**	5.9	253	-	215	4,523.1	5.9

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PROVINCIAL RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M³)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M³)	FLARE RANK	GAS VENTED (1000 M³)	VENT RANK	OIL PROD (M³)	SOL'N GAS PROD (1000 M³)
Taku Gas Limited	97.9%	1.6%	5.6	307	-	274	5.6	178	7,783.0	272.3
Camino Industries Inc.	99.9%	0.0%	5.4	308	-	274	5.4	179	2,541.3	4,946.9
Petroglobe Inc.	0.0%	0.0%	5.4	308	2.0	262	3.4	191	315.0	5.4
DLS Energy Ltd.	0.0%		5.3	309	5.3	255	-	215	19.8	5.3
T & E Oils Ltd.	56.6%	0.7%	5.3	309	5.3	255	-	215	1,089.0	12.2
Tri-Ment Corporation Ltd.	20.9%	-13.5%	5.3	309	-	274	5.3	180	24.6	6.7
San Juan Resources Inc.	98.3%	-1.7%	5.0	310	-	274	5.0	181	896.5	296.5
Vigilant Exploration Inc.	99.0%		5.0	310	-	274	5.0	181	1,337.2	519.7
Devexco Resources Ltd.	63.4%	0.2%	4.9	311	-	274	4.9	182	122.8	13.4
Diaz Resources Ltd.	99.7%	-0.3%	4.5	312	-	274	4.5	184	2,363.7	1,295.7
385417 Alberta Ltd.	99.4%	-0.1%	4.1	313	0.1	273	4.0	187	3,915.7	726.0
Wrangler West Energy Corp.	100.0%	0.0%	4.0	314	-	274	4.0	187	16,559.5	16,970.8
Eastnell Resources Ltd.	0.0%	0.0%	3.6	315	-	274	3.6	190	142.2	3.6
Manitok Exploration Inc.	0.0%	0.0%	3.6	315	-	274	3.6	190	3,616.4	3.6
Petromin Resources Ltd.	0.0%	0.0%	3.6	315	3.5	257	0.1	214	6,524.0	3.6
Trilight Energy Inc.	99.3%	-0.4%	3.6	315	-	274	3.6	190	730.9	505.7
Pearson Resources Ltd.	97.6%	0.3%	3.5	316	1.2	267	2.3	198	470.2	143.7
Reber Exploration Ltd.	0.0%	0.0%	3.4	317	-	274	3.4	191	121.1	3.4
Rockyview Energy Inc.	99.5%	-0.3%	3.4	317	-	274	3.4	191	1,296.6	635.7
Prospex Resources Ltd.	100.0%	0.0%	3.3	318	3.0	258	0.3	212	1,329.9	22,514.8
Spur Energy Corp.	0.0%	0.0%	3.2	319	-	274	3.2	192	381.5	3.2
Brazeau NRG Ltd.	99.6%	0.4%	3.0	320	3.0	258	-	215	531.4	717.8
Hillsdale Drilling Ltd.	0.0%	0.0%	3.0	320	-	274	3.0	193	266.5	3.0
Tripoint Energy Ltd.	97.6%	-2.4%	3.0	320	3.0	258	-	215	531.5	123.4
Petro Uno Resources Ltd.	98.9%		2.6	321	2.5	261	0.1	214	1,538.8	227.9
Welton Energy Corporation	99.8%	2.0%	2.6	321	2.6	260	-	215	1,349.4	1,099.4
Ascent Energy Ltd.	99.6%	-0.1%	2.5	322	-	274	2.5	196	886.4	559.3
Alka Resources Ltd.	97.0%	-0.6%	2.4	323	-	274	2.4	197	1,204.6	80.7
New Century Petroleum Corporation	95.6%	0.3%	2.4	323	-	274	2.4	197	6,478.9	54.0
Panwestern Energy Inc.	0.0%	-100.0%	2.2	324	-	274	2.2	199	131.8	2.2
Flagstone Energy Inc.	0.0%	-62.2%	2.0	325	1.5	265	0.5	210	517.3	2.0
Open Range Energy Corp.	99.7%	-0.3%	1.7	326	1.7	263	-	215	455.9	510.5
Northern Hunter Energy Inc.	100.0%	100.0%	1.6	327	1.6	264	-	215	2,290.9	3,925.1
Amarone Oil & Gas Ltd.	100.0%	0.2%	1.5	328	1.5	265	-	215	8,049.6	4,619.5
Huegler Holdings Ltd.	0.0%	0.0%	1.3	329	-	274	1.3	204	1,259.7	1.3

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PROVINCIAL RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Longford Energy Inc.	99.7%	-0.2%	1.3	329	1.3	266	-	215	223.3	405.2
Detector Exploration Ltd.	29.4%	29.4%	1.2	330	1.2	267	-	215	1,289.3	1.7
Enhance Energy Inc.	99.5%	-0.2%	1.2	330	0.2	272	1.0	206	1,110.1	256.2
Grand Rapids Petroleum Ltd.	0.0%	0.0%	1.2	330	-	274	1.2	205	762.4	1.2
KMD Resources Ltd.	91.6%	91.6%	1.2	330	-	274	1.2	205	272.4	14.2
Milen's Oilfield Enterprises Ltd.	99.9%	0.0%	1.2	330	-	274	1.2	205	194.6	2,030.6
Murelle Enterprises Inc.	99.9%	-0.1%	1.2	330	-	274	1.2	205	190.8	775.0
Teague Exploration Inc.	94.3%	19.7%	1.2	330	-	274	1.2	205	2,465.6	21.1
Trihawk Energy Ltd.	0.0%	0.0%	1.2	330	1.2	267	-	215	118.5	1.2
Circumpacific Energy Corporation	97.7%	8.6%	0.9	331	-	274	0.9	207	2,235.5	39.4
Rangex Resources Ltd.	87.8%	0.7%	0.9	331	-	274	0.9	207	140.4	7.4
Redwater Energy Corp.	92.7%		0.9	331	0.9	268	-	215	243.1	12.4
Gryphon Petroleum Corp.	99.5%	20.6%	0.8	332	0.8	269	-	215	1,561.7	160.5
Orleans Energy Ltd.	100.0%	0.1%	0.8	332	0.8	269	-	215	14,102.3	14,463.2
Richann Contract Operators Ltd.	0.0%	0.0%	0.7	333	-	274	0.7	209	48.1	0.7
Result Energy Inc.	0.0%	0.0%	0.6	334	0.6	270	-	215	35.8	0.6
Enerstar Petroleum Corp.	0.0%	0.0%	0.5	335	-	274	0.5	210	306.9	0.5
Pocahontas Petroleum Ltd.	0.0%	0.0%	0.5	335	-	274	0.5	210	29.0	0.5
Woodthorpe Petroleum Ltd.	83.3%		0.5	335	-	274	0.5	210	252.9	3.0
Hawk Exploration Ltd.	100.0%		0.4	336	0.4	271	-	215	4,159.8	1,301.5
Seffian Petroleums Ltd.	0.0%	0.0%	0.4	336	-	274	0.4	211	143.5	0.4
SunOcean Energy Ltd.	100.0%	0.4%	0.4	336	-	274	0.4	211	5,043.4	7,373.0
Revolution Resources Ltd.	25.0%	25.0%	0.3	337	-	274	0.3	212	252.1	0.4
Rotex Energy Ltd.	99.7%	-0.2%	0.3	337	-	274	0.3	212	18.3	117.4
Apex Energy (Canada) Inc.	98.3%	-1.0%	0.2	338	0.2	272	-	215	76.8	11.9
Dorado Energy Inc.	100.0%	0.0%	0.2	338	-	274	0.2	213	1,532.6	1,835.7
Echoex Ltd.	99.9%	-0.1%	0.2	338	-	274	0.2	213	445.8	159.9
Grey Wolf Exploration Inc.	100.0%	0.0%	0.2	338	0.2	272	-	215	5,556.9	3,822.6
Ki Exploration Inc.	100.0%	0.0%	0.2	338	0.2	272	-	215	2,418.6	8,243.2
Waseca Energy Inc.	0.0%		0.2	338	-	274	0.2	213	120.8	0.2
1451637 Alberta Ltd.	0.0%		0.1	339	-	274	0.1	214	316.9	0.1
Black Sea Oil & Gas Ltd.	92.9%	-6.7%	0.1	339	-	274	0.1	214	46.0	1.4
Elmdale Resources Ltd.	0.0%		0.1	339	-	274	0.1	214	7.9	0.1
Forent Energy Ltd.	0.0%	0.0%	0.1	339	-	274	0.1	214	2.8	0.1
1476697 Alberta Ltd.	100.0%		-	340	-	274	-	215	173.0	7.2

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PROVINCIAL RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
981384 Alberta Ltd.	100.0%	0.0%	-	340	-	274	-	215	192.9	403.1
Adanac Oil & Gas Limited	100.0%	0.0%	-	340	-	274	-	215	2,249.0	694.7
Alpetro Resources Ltd.	100.0%	0.0%	-	340	-	274	-	215	1,295.5	3,986.9
Altacanada Energy Partnership	100.0%	0.0%	-	340	-	274	-	215	214.0	192.0
AltaGas Ltd.	100.0%	0.0%	-	340	-	274	-	215	357.3	1,143.2
Ammonite Energy Ltd.	100.0%	0.0%	-	340	-	274	-	215	609.5	5.4
Ammonite Energy Ltd.	100.0%	0.0%	-	340	-	274	-	215	224.0	0.7
Argali Oil Inc.	0.0%		-	340	-	274	-	215	26.7	-
Avalon Energy Ltd.	100.0%	100.0%	-	340	-	274	-	215	468.8	15.6
Ballater Resources Ltd.	100.0%	2.1%	-	340	-	274	-	215	512.0	90.6
Bentley Oil & Gas Ltd.	100.0%		-	340	-	274	-	215	251.9	12.0
Birchill Exploration Limited Partnership	100.0%	0.0%	-	340	-	274	-	215	268.1	1,181.2
Black Bore Exploration Ltd.	100.0%	0.0%	-	340	-	274	-	215	59.0	7.3
Blackhawk Resource Operating Corp.	100.0%		-	340	-	274	-	215	221.6	3.9
Blackrock Ventures Inc.	100.0%		-	340	-	274	-	215	2,225.7	32.8
Bounty Developments Ltd.	100.0%	0.0%	-	340	-	274	-	215	337.9	6.0
Brahma Resources Ltd.	100.0%	0.4%	-	340	-	274	-	215	6,803.5	402.8
Bumper Development Corporation Ltd.	100.0%	0.0%	-	340	-	274	-	215	247.1	3,228.2
Canada West Resources Inc.	0.0%		-	340	-	274	-	215	13.3	-
Canyon Oil & Gas Corporation	100.0%	0.0%	-	340	-	274	-	215	131.8	767.7
Cascade Resources Inc.	100.0%		-	340	-	274	-	215	124.4	16.1
Centennial Petroleum Company Ltd.	100.0%		-	340	-	274	-	215	644.6	240.1
Cinch Energy Corp.	100.0%	0.0%	-	340	-	274	-	215	1,814.9	808.4
CNPC International (Canada) Ltd.	100.0%	0.0%	-	340	-	274	-	215	3,870.6	1,384.3
Condor Canada Petroleum Inc.	100.0%	0.0%	-	340	-	274	-	215	5,827.1	646.8
Conifer Exploration Ltd.	0.0%	0.0%	-	340	-	274	-	215	29.9	-
ConocoPhillips Canada Operations Ltd.	100.0%		-	340	-	274	-	215	145.0	250.0
Crew Energy Partnership	100.0%	1.6%	-	340	-	274	-	215	10,420.7	10,373.6
Deethree Exploration Ltd.	100.0%		-	340	-	274	-	215	692.7	292.9
Dejour Energy (Alberta) Ltd.	100.0%	0.0%	-	340	-	274	-	215	2,318.0	1,395.5
Derrick Petroleum Ltd.	100.0%	0.0%	-	340	-	274	-	215	1,664.9	588.6
Desmarais Energy Corporation	100.0%		-	340	-	274	-	215	580.5	664.6
Drake Energy Ltd.	100.0%		-	340	-	274	-	215	425.8	1.5
Duvernay Oil Partnership	100.0%	0.0%	-	340	-	274	-	215	2,974.7	14,773.8
Eiger Energy Ltd.	100.0%	0.0%	-	340	-	274	-	215	1,244.2	54.6

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RUN DATE: April 28, 2010

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Elkwater Resources Ltd.	100.0%	0.0%	-	340	-	274	-	215	143.2	365.8
Ember Resources Inc.	100.0%		-	340	-	274	-	215	679.5	21.7
Fairmount Energy Inc.	100.0%	0.0%	-	340	-	274	-	215	36.2	49.8
First West Petroleum Inc.	0.0%	0.0%	-	340	-	274	-	215	17.1	-
Five O Oil & Gas Ltd.	100.0%		-	340	-	274	-	215	230.3	3.3
Fox Creek Petroleum Corp.	100.0%	0.0%	-	340	-	274	-	215	1,436.2	374.2
Freehold Resources Ltd.	0.0%	-61.7%	-	340	-	274	-	215	59.1	-
Frontier Energy Inc.	0.0%	0.0%	-	340	-	274	-	215	212.3	-
Gear Energy Ltd.	100.0%		-	340	-	274	-	215	1,172.0	107.9
Grandview Exploration Inc.	100.0%	0.0%	-	340	-	274	-	215	2,386.9	2.4
Highpine Energy Ltd.	100.0%	0.0%	-	340	-	274	-	215	97,887.0	41,730.7
Insignia Energy Ltd.	100.0%	0.0%	-	340	-	274	-	215	4,731.3	3,092.1
International Frontier Resources Corporation	100.0%	0.0%	-	340	-	274	-	215	2,042.0	107.6
Interquest Incorporated	100.0%	100.0%	-	340	-	274	-	215	52.8	0.1
Intrepid Energy Corporation	100.0%	4.0%	-	340	-	274	-	215	1,279.1	159.4
JED Production Inc.	100.0%	0.7%	-	340	-	274	-	215	33,445.9	4,209.2
Kent Oil Ltd.	0.0%		-	340	-	274	-	215	20.0	-
Knowledge Energy Inc.	100.0%	13.0%	-	340	-	274	-	215	284.0	881.0
Land Petroleum International Inc.	0.0%	0.0%	-	340	-	274	-	215	296.4	-
Lario Oil & Gas Company	100.0%	0.1%	-	340	-	274	-	215	3,221.1	697.2
Legacy Oil + Gas Inc.	100.0%		-	340	-	274	-	215	7,179.4	721.3
Lockwood Resources Ltd.	100.0%	0.0%	-	340	-	274	-	215	-	991.2
Marksmen Resources Ltd.	100.0%	0.0%	-	340	-	274	-	215	111.3	104.8
Mistahiya Resources Ltd.	100.0%	0.0%	-	340	-	274	-	215	1,231.6	47.5
MOGL Corp.	100.0%	0.0%	-	340	-	274	-	215	278.1	229.2
Montello Resources Ltd.	0.0%	-94.4%	-	340	-	274	-	215	87.0	-
Mooncor Energy Inc.	100.0%	1.8%	-	340	-	274	-	215	168.0	12.6
Newalta Corporation	100.0%	0.0%	-	340	-	274	-	215	424.2	12.0
Newpact Energy Corp.	0.0%	-19.8%	-	340	-	274	-	215	7.5	-
Northern Utilities (Sask.) Ltd.	100.0%	0.0%	-	340	-	274	-	215	250.8	0.1
Nuloch Resources Inc.	100.0%	30.2%	-	340	-	274	-	215	10,893.2	2,432.0
Oban Energy Ltd.	100.0%	0.1%	-	340	-	274	-	215	8,853.7	12,341.7
Pavilion Energy Corp.	100.0%	0.0%	-	340	-	274	-	215	4,113.7	38.0
Petro Buyers Inc.	100.0%	0.0%	-	340	-	274	-	215	1,291.6	142.8
Petro Energy Corp.	0.0%		-	340	-	274	-	215	7.7	-

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[2] For the Gas Conservation Change column, a blank cell indicates that a value was not reported last year.

PROVINCIAL RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Petro-Reef Resources Ltd.	100.0%	0.0%	-	340	-	274	-	215	6,205.3	4,464.6
Peyto Exploration & Development Corp.	100.0%	2.0%	-	340	-	274	-	215	899.9	1,515.1
Radius Resources Corp.	0.0%	0.0%	-	340	-	274	-	215	188.0	-
Ramparts Energy Ltd.	100.0%	0.0%	-	340	-	274	-	215	128.6	367.8
Ranger Canyon Energy Inc.	100.0%	10.8%	-	340	-	274	-	215	67.2	30.6
Redcliffe Exploration Inc.	100.0%	1.8%	-	340	-	274	-	215	8,499.3	24,678.4
Regco Petroleums Ltd.	100.0%	0.0%	-	340	-	274	-	215	1,587.6	113.8
Revive Energy Corp	100.0%		-	340	-	274	-	215	312.6	19.5
RIA Resources Corp.	100.0%		-	340	-	274	-	215	1,957.9	1,740.1
Rustler Petroleum Inc.	100.0%	0.0%	-	340	-	274	-	215	141.1	0.8
Sahara Energy Ltd.	100.0%	0.0%	-	340	-	274	-	215	2,580.6	77.8
Shapco Resources Ltd.	100.0%	0.0%	-	340	-	274	-	215	2,478.8	2,543.3
Silver Bay Resources Ltd.	100.0%	0.0%	-	340	-	274	-	215	308.4	396.9
Silver Peak Industries Ltd.	0.0%	0.0%	-	340	-	274	-	215	45.9	-
Silverback Energy Ltd.	100.0%	0.0%	-	340	-	274	-	215	544.6	774.3
Sirius Energy Inc.	0.0%		-	340	-	274	-	215	0.2	-
Stetson Oil & Gas Ltd.	100.0%		-	340	-	274	-	215	103.6	211.2
Strategic Oil & Gas Ltd.	100.0%		-	340	-	274	-	215	638.1	65.0
Sunrise Energy Ltd.	0.0%		-	340	-	274	-	215	22.9	-
Tandem Energy Corporation	100.0%	0.0%	-	340	-	274	-	215	2,831.2	1,638.5
Taylor Management Inc.	100.0%	0.0%	-	340	-	274	-	215	431.8	1,302.9
Terra Energy Corp.	100.0%	0.0%	-	340	-	274	-	215	8,412.9	746.4
The Locke Stock & Barrel Company Ltd.	0.0%	0.0%	-	340	-	274	-	215	346.9	-
Tournament Exploration Ltd.	100.0%	0.0%	-	340	-	274	-	215	7,095.0	2,028.2
Trarion Resources Ltd.	100.0%	0.0%	-	340	-	274	-	215	153.9	582.6
TriOil Resources Ltd.	100.0%		-	340	-	274	-	215	378.9	102.8
Triton Energy Corp.	100.0%	0.0%	-	340	-	274	-	215	1,114.2	576.9
Unconventional Gas Resources Canada Operating, Inc.	100.0%	0.0%	-	340	-	274	-	215	465.1	766.8
Unicorn Agri-Oil Ltd.	100.0%	0.0%	-	340	-	274	-	215	337.9	10.3
Vertex Oil & Gas Ltd.	100.0%	0.0%	-	340	-	274	-	215	200.2	15.5
Westdrum Energy Ltd.	100.0%	0.0%	-	340	-	274	-	215	1,138.1	658.3
Western Plains Petroleum Ltd.	100.0%		-	340	-	274	-	215	1,021.0	46.8
Westhill Resources Limited	100.0%	0.0%	-	340	-	274	-	215	1,073.3	5,406.7
Whitecap Resources Inc.	100.0%		-	340	-	274	-	215	12,251.5	10,905.1
Wilderness Energy Corp.	100.0%	4.9%	-	340	-	274	-	215	12,156.7	3,545.2
PROVINCIAL TOTALS	**95.8%**		**589,764.5**		**261,022.5**		**328,742.0**		**62,836,428.7**	**13,738,016.4**

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.
[2] For the Gas Conservation Change column, a blank cell indicates that a value was not reported last year.

FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
BONNYVILLE CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Canadian Natural Resources Limited	82.8%	117,841.5	1	3,424.6	2	114,416.9	1	8,682,494.8	686,395.1
Devon Canada	64.2%	41,058.8	2	29.8	19	41,029.0	2	3,345,454.3	114,530.9
Husky Oil Operations Limited	68.0%	10,715.0	3	51.9	15	10,663.1	3	592,024.5	33,507.6
Bonavista Petroleum Ltd.	59.0%	6,155.2	4	-	23	6,155.2	4	137,107.1	15,001.7
ConocoPhillips Canada Resources Corp.	60.7%	3,964.7	5	3,964.7	1	-	24	870,304.1	10,092.8
Encana Oil & Gas Partnership	89.6%	3,410.3	6	476.8	10	2,933.5	5	1,212,876.0	32,812.8
Buffalo Resources Corp.	18.5%	2,776.9	7	-	23	2,776.9	6	66,646.9	3,408.4
Nexen Inc.	93.0%	2,405.4	8	2,405.4	3	-	24	721,206.2	34,163.8
Imperial Oil Resources	99.5%	1,935.6	9	1,872.5	4	63.1	15	8,198,788.3	423,997.6
Petro-Canada	8.1%	1,263.4	10	1,263.4	5	-	24	1,388,098.1	1,374.9
Baytex Energy Ltd.	81.7%	1,228.9	11	720.5	6	508.4	9	112,895.5	6,726.5
Twin Butte Energy Ltd.	15.6%	1,112.3	12	-	23	1,112.3	7	26,014.7	1,317.3
Bronco Energy Ltd.	97.6%	654.7	13	606.6	7	48.1	16	49,260.0	27,030.0
Harvest Operations Corp.	36.2%	624.5	14	-	23	624.5	8	17,911.0	978.8
Cenovus FCCL Ltd.	99.3%	542.0	15	542.0	8	-	24	4,376,513.5	73,872.6
Connacher Oil and Gas Limited	91.0%	527.3	16	527.3	9	-	24	367,629.6	5,869.1
Cenovus Energy Inc.	87.6%	396.1	17	108.4	14	287.7	11	117,839.1	3,199.2
EnCana Corporation	89.2%	330.3	18	37.9	18	292.4	10	108,228.7	3,056.2
Total E&P Joslyn Ltd.	0.0%	318.8	19	140.3	13	178.5	13	32,504.8	1.5
Japan Canada Oil Sands Limited	93.9%	307.1	20	307.1	11	-	24	411,603.9	5,025.1
Suncor Energy Inc.	96.8%	203.1	21	203.1	12	-	24	3,160,581.2	6,420.9
Rife Resources Ltd.	50.0%	190.1	22	-	23	190.1	12	1,811.0	380.3
Signalta Resources Limited	0.0%	99.0	23	-	23	99.0	14	595.0	99.0
Shell Canada Energy	99.0%	45.5	24	45.5	16	-	24	157,922.4	4,575.9
MEG Energy Corp.	95.8%	42.1	25	42.1	17	-	24	200,587.2	1,002.7
Celtic Exploration Ltd.	93.1%	37.2	26	-	23	37.2	17	932.9	538.6
Koch Exploration Canada G/P Ltd.	0.0%	8.9	27	-	23	8.9	18	1,418.5	8.9
Manitok Exploration Inc.	0.0%	3.6	28	-	23	3.6	19	3,616.4	3.6
Petromin Resources Ltd.	0.0%	3.6	28	3.5	20	0.1	23	6,524.0	3.6
Solara Exploration Ltd.	0.0%	3.3	29	-	23.0	3.3	20.0	1,272.9	3.3
Pearl E&P Canada Ltd.	0.0%	2.7	30	0.7	21	2.0	21	1,350.0	2.7
Action Energy Inc.	99.6%	0.8	31	0.1	22	0.7	22	2,695.2	204.8
Blackrock Ventures Inc.	100.0%	-	32	-	23	-	24	2,225.7	32.8
Nuvista Energy Ltd.	0.0%	-	32	-	23	-	24	11.5	-
TOTALS FOR BONNYVILLE	**86.7%**	**198,208.7**		**16,774.2**		**181,434.5**		**34,376,945.0**	**1,495,639.0**

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.

FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
DRAYTON VALLEY CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Penn West Petroleum Ltd.	98.7%	6,111.5	1	2,532.8	1	3,578.7	1	540,631.9	469,189.0
Triaxon Energy Inc.	82.7%	1,503.0	2	1,252.3	2	250.7	8	20,075.0	8,674.4
Imperial Oil Resources	99.7%	1,407.4	3	1,167.7	3	239.7	9	220,404.5	505,379.9
Vermilion Resources Ltd.	94.6%	1,367.4	4	1,013.4	4	354.0	5	47,150.3	25,551.2
Bonterra Energy Corp.	97.8%	1,205.1	5	542.6	9	662.5	2	139,741.4	54,120.6
Nuvista Energy Ltd.	91.1%	1,088.7	6	573.2	8	515.5	3	30,007.3	12,296.2
Taqa North Ltd.	96.1%	1,009.5	7	995.1	5	14.4	34	16,878.0	25,880.8
Nordegg Resources Inc.	16.4%	987.8	8	987.8	6	-	62	2,948.1	1,181.7
Petrobank Energy and Resources Ltd.	88.0%	666.6	9	585.0	7	81.6	20	12,356.5	5,557.0
Compton Petroleum Corporation	96.5%	654.7	10	392.0	14	262.7	7	34,522.6	18,715.9
Sifton Energy Inc.	91.7%	645.3	11	264.2	21	381.1	4	16,733.9	7,772.3
Skylight Energy Resources Ltd.	81.1%	559.7	12	403.6	13	156.1	13	5,311.6	2,966.0
Profound Energy Inc.	98.4%	510.7	13	510.7	10	-	62	25,471.5	31,507.7
Horseshoe Bay Resources Limited	4.4%	435.5	14	435.5	11	-	62	999.4	455.5
Harvest Operations Corp.	92.1%	414.6	15	406.8	12	7.8	41	7,399.8	5,227.4
ARC Resources Ltd.	99.6%	412.0	16	100.3	40	311.7	6	458,981.0	103,531.5
EOG Resources Canada Inc.	99.1%	368.8	17	198.7	26	170.1	12	37,842.1	39,662.5
PanTerra Resource Corp.	2.1%	362.6	18	362.6	15	-	62	857.9	370.3
97837 Resources Ltd.	29.0%	353.5	19	345.1	16	8.4	40	1,140.5	497.6
ConocoPhillips Canada (BRC) Partnership	99.7%	353.3	20	296.0	18	57.3	24	88,642.4	120,719.6
Exxonmobil Canada Ltd. and Exxonmobil Resources Ltd.	73.1%	325.9	21	325.9	17	-	62	1,041.9	1,211.4
Path Resources Ltd.	18.3%	283.8	22	279.0	19	4.8	46	1,883.8	347.4
Berens Energy Ltd.	92.5%	275.4	23	272.3	20	3.1	50	4,114.9	3,695.5
Jayhawk Resources Ltd.	0.0%	253.3	24	253.3	22	-	62	508.8	253.4
Onyx 2006 Inc.	97.8%	250.9	25	250.9	23	-	62	2,220.0	11,516.7
Talisman Energy Inc.	98.7%	244.6	26	131.7	34	112.9	15	82,007.3	18,769.9
Advantage Oil & Gas Ltd.	97.2%	229.5	27	22.1	65	207.4	10	17,448.4	8,286.9
Enerplus Resources Corporation	99.2%	215.9	28	33.1	59	182.8	11	109,133.3	26,203.7
Benjaka Exploration Inc.	0.0%	215.6	29	215.6	24	-	62	481.6	215.6
Devon Canada	98.6%	211.9	30	211.9	25.0	-	62.0	9,878.5	15,632.7
Eng-Land Energy Ltd.	0.0%	198.5	31	198.5	27	-	62	211.4	198.5
MEC Operating Company ULC	82.1%	185.9	32	47.9	53	138.0	14	18,045.4	1,036.4
Twin Butte Energy Ltd.	91.6%	181.1	33	181.1	28	-	62	924.4	2,151.9
Mancal Energy Inc.	97.6%	161.7	34	161.7	29	-	62	8,945.7	6,772.1
Ish Energy Ltd.	70.8%	159.4	35	158.9	30	0.5	58	532.3	546.5

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
DRAYTON VALLEY CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Grizzly Resources Ltd.	0.0%	158.0	36	158.0	31	-	62	726.7	158.0
West Energy Partnership	99.5%	156.1	37	156.1	32	-	62	158,191.4	33,389.4
Encana Oil & Gas Partnership	99.5%	155.2	38	153.9	33	1.3	55	4,781.5	32,335.4
Baytex Energy Ltd.	99.6%	153.9	39	127.1	37	26.8	29	103,124.9	39,752.6
Spartan Exploration Ltd.	84.7%	131.2	40	131.2	35	-	62	2,409.7	857.8
Petrocardium Exploration Ltd.	96.3%	130.1	41	130.1	36	-	62	8,897.0	3,531.9
Kinuso Mercantile Ltd.	26.2%	123.9	42	123.9	38	-	62	1,875.0	167.8
Salvo Energy Corporation	99.6%	123.5	43	88.3	43	35.2	26	7,724.3	29,116.7
Husky Oil Operations Limited	99.0%	107.4	44	107.1	39	0.3	59	31,539.1	10,647.4
ConocoPhillips Canada Energy Partnership	99.8%	106.8	45	-	82	106.8	16	31,607.6	59,967.5
Scollard Energy Inc.	91.4%	106.6	46	-	82	106.6	17	7,038.0	1,236.7
Iberdrola Canada Energy Services Ltd.	99.8%	104.0	47	-	82	104.0	18	5,588.4	61,188.4
Vero Energy Inc.	97.4%	99.6	48	74.7	47	24.9	30	1,715.9	3,884.7
New Range Resources Ltd.	89.0%	97.4	49	97.4	41	-	62	1,969.0	882.4
Cangild Resources Ltd.	0.0%	94.6	50	-	82	94.6	19	268.5	94.6
Fairborne Energy Ltd.	99.7%	92.8	51	92.8	42	-	62	62,812.0	36,647.6
Bonavista Petroleum Ltd.	98.2%	83.2	52	75.5	46	7.7	42	4,876.9	4,585.3
Keyera Energy Ltd.	99.9%	81.1	53	81.1	44	-	62	34,527.4	61,771.4
Blaze Energy Ltd.	99.8%	79.8	54	79.8	45	-	62	35,578.3	39,828.2
White Ram Resources Ltd.	35.3%	71.8	55	-	82	71.8	21	488.0	111.0
Timberrock Energy Corp.	48.6%	68.7	56	66.9	48	1.8	54	705.6	133.7
Zapata Energy Corporation	92.8%	66.8	57	66.8	49	-	62	145.3	927.9
Saffron Energy Ltd.	9.0%	66.5	58	-	82	66.5	22	476.2	73.1
Owl River Resources Ltd.	15.4%	63.3	59	63.3	50	-	62	432.8	74.8
Zargon Oil & Gas Ltd.	95.2%	60.0	60	-	82	60.0	23	4,965.9	1,244.5
Highpine Oil & Gas Limited	99.9%	58.6	61	58.6	51	-	62	241,117.2	96,125.1
Signalta Resources Limited	98.1%	58.6	61	36.4	56	22.2	31	1,852.4	3,047.8
Leddy Exploration Limited	83.8%	51.0	62	19.9	67	31.1	28	3,737.4	315.5
Spry Energy Ltd.	88.2%	48.4	63	48.4	52	-	62	6,375.0	411.5
Dantel Resources Ltd.	0.0%	47.5	64	-	82.0	47.5	25.0	47.6	47.5
Petenco Resources Ltd.	40.3%	44.9	65	44.9	54	-	62	646.1	75.2
Suncor Energy Inc.	71.1%	39.1	66	39.1	55	-	62	211.8	135.4
Eclipse Resources Ltd.	99.6%	35.3	67	30.4	60	4.9	45	7,695.1	7,851.0
True Energy Inc.	96.1%	34.2	68	-	82	34.2	27	8,514.6	873.3
KinMerc Oil & Gas Inc.	14.5%	34.1	69	34.1	57	-	62	316.0	39.9

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
DRAYTON VALLEY CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Rockbridge Energy Alberta Inc.	92.1%	33.9	70	33.9	58	0.0	62	444.3	428.0
Stonefire Energy Corp.	96.7%	30.4	71	18.2	68	12.2	38	12,662.5	921.9
Base Resources Inc.	99.5%	27.9	72	27.9	61	-	62	754.6	5,207.1
Anterra Energy Inc.	94.5%	26.0	73	26.0	62	-	62	4,116.0	476.6
Canadian Forest Oil Ltd.	0.0%	25.8	74	25.8	63	-	62	299.5	25.8
ConocoPhillips Canada (BRC) Ltd.	99.6%	24.5	75	20.2	66	4.3	47	3,710.1	5,699.7
Oneex Operations Partnership	54.0%	23.1	76	23.1	64	-	62	763.6	50.2
Baccalieu Energy Inc.	17.5%	21.2	77	-	82	21.2	32	82.9	25.7
Bellatrix Exploration Ltd.	91.2%	20.2	78	14.4	72	5.8	44	2,013.7	229.6
Daylight Amalgamationco Ltd.	100.0%	17.2	79	17.2	69	-	62	104,014.2	48,654.3
Temple Energy Inc.	0.0%	16.9	80	16.9	70	-	62	3.0	16.9
Omers Energy Inc.	96.0%	16.4	81	0.0	82	16.4	33	2,542.8	412.8
Caltex Energy Inc.	97.7%	15.2	82	15.2	71	0.0	62	2,242.9	662.2
Joli Fou Petroleums Ltd	75.1%	14.1	83	-	82	14.1	35	1,544.4	56.6
Canadian Coastal Resources Ltd.	0.0%	13.7	84	13.7	73	-	62	255.5	13.7
Celtic Exploration Ltd.	98.7%	13.4	85	0.0	82	13.4	36	1,123.4	1,028.3
Mount Dakota Energy Corp.	0.0%	12.5	86	-	82	12.5	37	456.0	12.5
Petro-Canada	98.1%	12.1	87	12.1	74	-	62	1,766.4	633.6
Sword Energy Inc.	99.9%	11.6	88	0.0	82	11.6	39	14,105.2	13,523.0
Emm Energy Inc.	98.2%	6.3	89	0.0	82	6.3	43	1,927.8	342.4
Hunt Oil Company of Canada, Inc.	100.0%	5.1	90	5.1	75	-	62	4,262.1	12,350.4
Enermark Inc.	0.0%	4.8	91	-	82	4.8	46	372.7	4.8
385417 Alberta Ltd.	99.4%	4.1	92	0.1	81	4.0	48	3,915.7	726.0
Trilight Energy Inc.	0.0%	3.6	93	0.0	82	3.6	49	715.1	3.6
Brazeau NRG Ltd.	99.6%	3.0	94	3.0	76	-	62	531.4	717.8
NAL Resources Limited	100.0%	2.6	95	0.0	82	2.6	51	13,889.7	39,286.7
Conocophillips Western Canada Partnership	99.8%	2.5	96	-	82	2.5	52	2,980.9	1,502.3
Panwestern Energy Inc.	0.0%	2.2	97	-	82	2.2	53	131.8	2.2
Canadian Natural Resources Limited	100.0%	1.4	98	1.4	77	-	62	1,698.4	4,078.9
Huegler Holdings Ltd.	0.0%	1.3	99	-	82	1.3	55	1,259.7	1.3
Longford Energy Inc.	99.7%	1.3	99	1.3	78	-	62	223.3	405.2
Avenir Operating Corp.	0.0%	1.2	100	1.2	79	-	62	253.8	1.2
Daylight Energy Ltd.	99.6%	1.2	100	1.2	79	-	62	549.9	312.5
KMD Resources Ltd.	91.5%	1.2	100	-	82	1.2	56	272.4	14.2
Murelle Enterprises Inc.	99.8%	1.2	100	0.0	82	1.2	56	190.8	775.0

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
DRAYTON VALLEY CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Pearson Resources Ltd.	99.2%	1.2	100	1.1	80	0.1	61	193.5	141.4
Spur Energy Corp.	0.0%	1.1	101	-	82	1.1	57	87.0	1.1
ConocoPhillips Canada Resources Corp.	100.0%	0.2	102	-	82	0.2	60	521.2	537.7
1476697 Alberta Ltd.	100.0%	0.0	103	0.0	82	-	62	147.6	7.2
Adanac Oil & Gas Limited	100.0%	0.0	103	0.0	82	-	62	2,249.0	694.7
Alpetro Resources Ltd.	100.0%	0.0	103	-	82	-	62	1,295.5	3,986.9
Apache Canada Ltd.	100.0%	0.0	103	-	82	0.0	62	60.5	1,789.4
Apex Energy (Canada) Inc.	0.0%	0.0	103	-	82	0.0	62	18.9	-
Arsenal Energy Inc.	100.0%	0.0	103	-	82	-	62	691.5	1,185.7
Bumper Development Corporation Ltd.	100.0%	-	103	-	82	-	62	247.1	3,228.2
Centennial Petroleum Company Ltd.	100.0%	-	103	-	82	-	62	644.6	240.1
CNPC International (Canada) Ltd.	100.0%	-	103	-	82	-	62	2,118.5	149.1
Crew Energy Inc.	100.0%	-	103	-	82	-	62	3,508.0	13,252.4
Crocotta Energy Inc.	100.0%	-	103	-	82	-	62	25,319.1	4,826.8
Delphi Energy Corp.	100.0%	-	103	-	82	-	62	359.6	1,161.0
Derrick Petroleum Ltd.	100.0%	-	103	-	82	-	62	1,664.9	588.6
Duvernay Oil Partnership	100.0%	-	103	-	82	-	62	2,974.7	14,773.8
EnCana Corporation	100.0%	-	103	-	82	-	62	211.6	1,330.9
Exoro Energy Inc.	100.0%	-	103	-	82	-	62	123.9	445.2
Gamet Resources Ltd.	100.0%	-	103	-	82	-	62	2.1	1.2
Gentry Resources Ltd.	100.0%	-	103	-	82	-	62	8.5	33.1
Highpine Energy Ltd.	100.0%	-	103	-	82	-	62	97,887.0	41,730.7
Insignia Energy Ltd.	100.0%	-	103	-	82	-	62	290.0	475.6
Land Petroleum International Inc.	0.0%	-	103	-	82	-	62	268.3	-
Marksmen Resources Ltd.	100.0%	-	103	-	82	-	62	111.3	104.8
Mosaic Energy Ltd.	100.0%	-	103	-	82	-	62	899.7	204.6
Navarone Energy Corporation	100.0%	-	103	-	82	-	62	4,234.6	1,596.2
Open Range Energy Corp.	100.0%	-	103	-	82	-	62	91.4	398.1
Pengrowth Corporation	100.0%	-	103	-	82	-	62	9,953.6	3,105.7
Petro Buyers Inc.	100.0%	-	103	-	82	-	62	1,266.3	142.8
Petroglobe Inc.	0.0%	-	103	-	82	-	62	58.7	-
Primrose Drilling Ventures Ltd.	100.0%	-	103	-	82	-	62	3,168.4	2,228.1
Progress Energy Ltd.	100.0%	-	103	-	82	-	62	11,864.2	4,401.4
Provident Acquisitions Inc.	100.0%	-	103	-	82	-	62	129.6	11,120.4
Redcliffe Exploration Inc.	100.0%	-	103	-	82	-	62	2,689.4	1,872.6

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
DRAYTON VALLEY CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Shanpet Resources Ltd.	100.0%	-	103	-	82	-	62	1,219.5	98.7
Stetson Oil & Gas Ltd.	100.0%	-	103	-	82	-	62	103.6	211.2
Suncor Energy Oil and Gas Partnership	100.0%	-	103	-	82	-	62	1,709.2	609.0
Trilogy Blue Mountain Ltd.	0.0%	-	103	-	82	-	62	166.8	-
Welton Energy Corporation	100.0%	-	103	-	82	-	62	969.1	868.0
Westfire Energy Ltd.	100.0%	-	103	-	82	-	62	1,354.5	5,972.7
TOTALS FOR DRAYTON VALLEY	**98.8%**	**27,266.7**		**18,574.1**		**8,692.6**		**3,115,411.0**	**2,329,744.8**

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
GRANDE PRAIRIE CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Penn West Petroleum Ltd.	93.1%	4,361.5	1	2,774.3	1	1,587.2	1	131,366.8	63,154.1
Taqa North Ltd.	90.1%	3,187.4	2	2,653.7	2	533.7	5	36,001.4	32,289.0
ConocoPhillips Canada Energy Partnership	87.3%	3,022.1	3	2,521.8	3	500.3	6	84,356.2	23,779.9
Galleon Energy Inc.	95.8%	2,438.0	4	2,434.3	4	3.7	51	192,630.2	57,367.2
Canadian Natural Resources Limited	98.2%	2,338.7	5	1,694.3	7	644.4	3	341,192.7	131,870.3
Talisman Energy Inc.	99.0%	2,009.2	6	1,952.1	5	57.1	25	182,361.6	197,337.5
Devon Canada	97.5%	1,891.7	7	1,561.1	8	330.6	8	175,738.4	75,552.8
ARC Resources Ltd.	99.2%	1,810.7	8	1,732.1	6	78.6	20	175,937.7	218,760.8
Bonavista Petroleum Ltd.	97.6%	1,731.5	9	1,321.0	9	410.5	7	138,573.5	70,718.4
Husky Oil Operations Limited	99.3%	1,616.1	10	1,062.4	12	553.7	4	336,861.1	240,450.6
Birchcliff Energy Ltd.	98.3%	1,337.9	11	1,125.2	10	212.7	11	141,701.2	78,009.4
Shell Canada Energy	96.1%	1,241.0	12	1,117.5	11	123.5	14	359,460.1	32,167.4
Encana Oil & Gas Partnership	98.8%	921.5	13	195.2	39	726.3	2	75,007.9	79,205.5
Crew Energy Inc.	20.2%	882.9	14	855.7	13	27.2	34	6,433.4	1,106.1
Barnwell of Canada, Limited	79.8%	825.2	15	813.9	14	11.3	43	8,036.6	4,084.4
Enermark Inc.	98.3%	743.2	16	668.6	15	74.6	21	34,892.6	43,688.0
Breaker Energy Ltd.	54.1%	665.5	17	550.6	20	114.9	15	32,921.9	1,450.9
Paramount Resources Ltd.	94.6%	651.6	18	646.6	16	5.0	50	9,754.5	12,154.2
Iteration Energy Ltd.	98.8%	640.0	19	583.8	18	56.2	26	70,924.8	54,492.5
Temple Energy Inc.	0.0%	625.7	20	625.7	17	-	58	368.4	625.7
Crescent Point Energy Corp.	92.4%	581.3	21	581.3	19	-	58	15,820.5	7,628.5
Crescent Point General Partner Corp.	93.7%	502.7	22	502.7	21	-	58	15,976.2	7,976.1
Trilogy Resources Ltd.	98.9%	453.4	23	366.1	26	87.3	19	98,913.3	40,579.0
Harvest Operations Corp.	97.4%	413.3	24	216.0	37	197.3	12	36,079.3	16,145.0
Exshaw Oil Corp.	99.1%	406.8	25	406.8	22	-	58	38,910.5	45,894.4
Rife Resources Ltd.	98.3%	406.7	26	375.9	25	30.8	32	3,780.7	23,280.8
Standard Energy Inc.	97.8%	403.9	27	403.9	23	-	58	9,074.0	18,004.5
Daylight Energy Ltd.	99.2%	402.5	28	158.2	44	244.3	10	88,769.8	48,913.6
Bellamont Exploration Ltd.	92.6%	392.3	29	318.6	30	73.7	23	11,212.8	5,321.8
Navarone Energy Corporation	0.0%	391.5	30	377.1	24	14.4	38	1,426.5	391.5
Signalta Resources Limited	11.9%	390.9	31	91.2	50	299.7	9	2,995.1	443.9
NAL Resources Limited	99.8%	382.0	32	349.1	28	32.9	31	90,223.1	180,153.2
Trilogy Blue Mountain Ltd.	90.5%	353.4	33	353.4	27	-	58	7,423.6	3,712.9
Seaview Energy Inc.	7.7%	344.2	34	344.2	29	-	58	2,801.6	372.9
Provident Energy Resources Inc.	98.9%	339.6	35	285.2	31	54.4	28	110,458.2	30,987.5

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
GRANDE PRAIRIE CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Progress Energy Ltd.	96.6%	282.5	36	190.4	40	92.1	18	6,561.2	8,362.6
Advantage Oil & Gas Ltd.	98.8%	281.1	37	243.0	33	38.1	30	48,030.5	23,122.9
Kaiser Exploration Ltd.	94.3%	279.4	38	223.5	34	55.9	27	8,167.2	4,914.8
Gentry Resources Ltd.	46.9%	243.6	39	243.6	32	-	58	1,455.2	458.7
Artek Exploration Ltd.	95.2%	218.9	40	218.9	35	-	58	6,405.5	4,586.5
Flow-Back Oil & Gas Ltd.	0.0%	216.4	41	216.4	36	-	58	157.9	216.4
Twin Butte Energy Ltd.	99.5%	216.2	42	55.5	57	160.7	13	9,635.9	40,433.6
Caltex Energy Inc.	0.0%	200.6	43	200.6	38	-	58	538.4	200.6
Mosaic Energy Ltd.	97.2%	173.7	44	173.7	41	-	58	5,597.7	6,188.9
Ridgeback Exploration Ltd.	8.7%	170.8	45	170.8	42	-	58	1,096.1	187.0
Exoro Energy Inc.	0.0%	169.9	46	169.9	43	-	58	705.0	169.9
Polar Star Canadian Oil and Gas, Inc.	98.9%	156.5	47	149.7	46	6.8	48	35,545.3	14,442.7
Glenogle Energy Inc.	83.7%	152.9	48	152.9	45	-	58	1,354.7	936.4
Prosper Petroleum Ltd.	0.0%	123.5	49	-	85	123.5	14	103,851.0	123.5
Profound Energy Inc.	91.4%	121.8	50	121.8	47	-	58	3,809.4	1,416.9
Canext Energy Ltd.	91.5%	111.6	51	111.6	48	-	58	15,596.5	1,306.8
Baytex Energy Ltd.	98.4%	102.9	52	-	85	102.9	16	294,025.9	6,508.6
Provident Acquisitions Inc.	0.6%	96.2	53	96.2	49	-	58	519.6	96.8
Transaction Oil & Gas Ventures Inc.	0.0%	92.7	54	-	85	92.7	17	717.3	92.7
Cobalt Energy Ltd.	0.0%	80.2	55	80.2	51	-	58	380.6	80.2
EOG Resources Canada Inc.	0.0%	74.3	56	-	85	74.3	22	745.7	74.3
1471002 Alberta Ltd.	0.0%	65.9	57	65.9	52	-	58	199.2	65.9
Apache Canada Ltd.	97.8%	64.7	58	57.5	56	7.2	47	51,838.0	2,922.6
ConocoPhillips Canada (BRC) Partnership	99.8%	63.6	59	2.3	81	61.3	24	52,556.2	37,323.5
Barrick Energy Inc.	99.9%	63.2	60	63.2	53	-	58	139,500.3	59,782.8
Action Energy Inc.	99.4%	62.8	61	62.8	54	-	58	5,103.1	11,317.8
EnCana Corporation	98.9%	60.7	62	53.1	58	7.6	46	4,091.3	5,384.3
Bering Exploration, Company, Ulc	0.0%	58.5	63	58.5	55	-	58	1,430.8	58.5
Petrobakken Development Ltd.	99.8%	55.5	64	55.5	57	-	58	6,898.4	26,923.3
Western Canada Energy Ltd.	98.2%	52.7	65	36.0	62	16.7	37	1,247.7	2,925.9
Petrobank Energy And Resources Ltd.	99.2%	42.9	66	42.9	59	-	58	1,297.8	5,070.1
BP Canada Energy Company	71.3%	40.6	67	40.6	60	-	58	719.3	141.7
Seven Generations Energy Ltd.	99.3%	40.4	68	-	85	40.4	29	1,423.9	5,683.2
Ribbon Creek Resources Inc.	98.2%	40.1	69	19.2	67	20.9	35	3,324.9	2,273.4
Tusk Energy Corporation	99.3%	39.9	70	39.9	61	-	58	15,098.5	5,813.5

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
GRANDE PRAIRIE CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Trilogy Redsky Ltd.	99.2%	39.4	71	11.5	71	27.9	33	1,708.9	4,863.6
Suncor Energy Inc.	99.8%	32.0	72	32.0	63	-	58	11,945.4	18,392.8
Yoho Resources Inc.	86.8%	29.2	73	29.2	64	-	58	363.4	221.5
Canadian Superior Energy Inc.	80.4%	26.5	74	21.0	65	5.5	49	1,918.5	135.0
Coastal Resources Limited	98.1%	19.5	75	-	85	19.5	36	1,984.5	1,015.8
Dirham Oil (2000) Inc.	0.0%	19.5	75	19.5	66	-	58	88.6	19.5
Sure Energy Inc.	99.5%	15.7	76	3.6	78	12.1	41	1,240.4	3,091.5
Venturion Natural Resources Limited	98.1%	14.4	77	14.4	68	-	58	8,559.6	745.8
Celtic Exploration Ltd.	0.0%	14.3	78	-	85	14.3	39	207.0	14.3
Masters Energy Inc.	0.0%	13.5	79	12.6	70	0.9	54	271.9	13.5
Texokcan Extreme General Partner Ltd.	97.8%	13.1	80	13.1	69	-	58	1,773.1	587.1
Glencoe Resources Ltd.	0.0%	12.7	81	-	85	12.7	40	845.5	12.7
Storm Exploration Inc.	95.0%	11.8	82	-	85	11.8	42	11,302.9	234.1
Delphi Energy Corp.	99.8%	10.1	83	10.1	72	-	58	16,296.3	5,813.7
Seaview Exploration Ltd.	0.0%	9.6	84	9.6	73	-	58	16.8	9.6
Imperial Oil Resources	99.8%	9.1	85	8.9	74	0.2	56	25,742.5	3,797.7
Cequence Energy Ltd.	99.8%	8.7	86	-	85	8.7	44	2,525.8	3,922.9
Madison Energy Corp.	94.2%	8.5	87	-	85	8.5	45	1,980.6	147.2
Sifton Energy Inc.	0.0%	8.1	88	8.1	75	-	58	37.6	8.1
Four Winds Energy Services Ltd.	80.4%	7.5	89	7.5	76	-	58	707.4	38.2
Enterra Energy Corp.	99.9%	5.0	90	5.0	77	-	58	20,068.1	4,035.1
Reber Exploration Ltd.	0.0%	3.4	91	-	85	3.4	52	121.1	3.4
Tripoint Energy Ltd.	97.6%	3.0	92	3.0	79	-	58	531.5	123.4
Welton Energy Corporation	98.9%	2.6	93	2.6	80	-	58	380.3	231.4
Ascent Energy Ltd.	99.6%	2.3	94	-	85	2.3	53	806.8	559.1
Hunt Oil Company of Canada, Inc.	100.0%	1.8	95	1.8	82	-	58	143,357.7	48,641.6
Revolution Resources Ltd.	25.0%	0.3	96	-	85	0.3	55	252.1	0.4
ConocoPhillips Canada Resources Corp.	99.9%	0.2	97	0.1	84	0.1	57	300.9	156.1
Grey Wolf Exploration Inc.	100.0%	0.2	97	0.2	83	-	58	5,556.9	3,822.6
Black Sea Oil & Gas Ltd.	92.9%	0.1	98	-	85	0.1	57	46.0	1.4
Argali Oil Inc.	0.0%	-	99	-	85	-	58	26.7	-
Berens Energy Ltd.	100.0%	-	99	-	85	-	58	2,381.1	7,644.7
Cinch Energy Corp.	100.0%	-	99	-	85	-	58	1,814.9	808.4
ConocoPhillips Canada (BRC) Ltd.	100.0%	-	99	-	85	-	58	592.8	410.2
ConocoPhillips Canada Operations Ltd.	100.0%	-	99	-	85	-	58	145.0	250.0

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
GRANDE PRAIRIE CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Deethree Exploration Ltd.	100.0%	-	99	-	85	-	58	692.7	292.9
Enerplus Resources Corporation	100.0%	-	99	-	85	-	58	26,927.0	6,480.8
Fairborne Energy Ltd.	0.0%	-	99	-	85	-	58	217.9	-
Fairmount Energy Inc.	100.0%	-	99	-	85	-	58	36.2	49.8
Gear Energy Ltd.	100.0%	-	99	-	85	-	58	1,172.0	107.9
Hermes Energy Corp.	100.0%	-	99	-	85	-	58	260.7	7.9
Insignia Energy Ltd.	100.0%	-	99	-	85	-	58	3,839.7	2,181.5
Intrepid Energy Corporation	100.0%	-	99	-	85	-	58	1,279.1	159.4
Kent Oil Ltd.	0.0%	-	99	-	85	-	58	20.0	-
Ki Exploration Inc.	0.0%	-	99	-	85	-	58	40.4	-
Montello Resources Ltd.	0.0%	-	99	-	85	-	58	87.0	-
Nuloch Resources Inc.	100.0%	-	99	-	85	-	58	9,077.0	1,984.8
Oban Energy Ltd.	100.0%	-	99	-	85	-	58	8,853.7	12,341.7
Orleans Energy Ltd.	100.0%	-	99	-	85	-	58	2,962.6	5,159.1
Pengrowth Corporation	100.0%	-	99	-	85	-	58	23,738.5	6,582.9
Peyto Exploration & Development Corp.	100.0%	-	99	-	85	-	58	899.9	1,515.1
Ravenwood Energy Corp.	100.0%	-	99	-	85	-	58	14,668.3	8,331.7
Redcliffe Exploration Inc.	100.0%	-	99	-	85	-	58	3,252.2	22,071.0
Response Energy Corporation	100.0%	-	99	-	85	-	58	337.6	6.3
Silver Peak Industries Ltd.	0.0%	-	99	-	85	-	58	45.9	-
SunOcean Energy Ltd.	100.0%	-	99	-	85	-	58	173.2	66.6
Surat Energy Inc.	100.0%	-	99	-	85	-	58	122.1	417.6
Terra Energy Corp.	100.0%	-	99	-	85	-	58	7,609.5	654.0
Unconventional Gas Resources Canada Operating	100.0%	-	99	-	85	-	58	465.1	766.8
Whitecap Resources Inc.	100.0%	-	99	-	85	-	58	12,251.5	10,905.1
Wilderness Energy Corp.	100.0%	-	99	-	85	-	58	12,156.7	3,545.2
Zargon Oil & Gas Ltd.	0.0%	-	99	-	85	-	58	762.5	-
TOTAL FOR GRANDE PRAIRIE	**98.1%**	**43,765.2**		**35,649.5**		**8,115.7**		**4,295,859.8**	**2,321,078.1**

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.

FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
HIGH LEVEL CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Husky Oil Operations Limited	99.6%	5,123.0	1	5,121.9	1	1.1	5	654,604.7	1,399,496.7
Apache Canada Ltd.	95.9%	4,671.8	2	4,671.7	2	0.1	6	215,030.7	114,560.0
Exxonmobil Canada Ltd. and Exxonmobil Resources Ltd.	98.5%	1,215.4	3	1,215.4	3	-	7	31,339.3	79,313.0
Iteration Energy Ltd.	83.1%	704.1	4	704.1	4	-	7	38,190.3	4,170.0
Bearspaw Petroleum Ltd.	0.1%	687.2	5	687.2	5	-	7	11,403.8	687.7
Imperial Oil Resources	99.3%	646.5	6	646.5	6	-	7	89,049.6	98,052.2
Advantage Oil & Gas Ltd.	70.2%	586.9	7	586.9	7	-	7	27,381.8	1,968.7
Enerplus Commercial Trust	99.2%	443.0	8	370.1	11	72.9	1	48,600.9	54,389.6
Tusk Energy Corporation	0.0%	423.7	9	423.7	8	-	7	4,233.0	423.7
Provident Energy Ltd.	27.9%	401.7	10	379.2	9	22.5	2	9,217.3	556.9
ARC Resources Ltd.	92.7%	383.2	11	377.7	10	5.5	4	36,152.1	5,222.9
Nuvista Energy Ltd.	84.9%	177.0	12	176.9	12	0.1	6	17,686.2	1,171.7
ConocoPhillips Canada (BRC) Partnership	99.8%	130.0	13	57.1	16	72.9	1	40,716.8	73,789.3
Canadian Coastal Resources Ltd.	0.0%	126.7	14	126.7	13	-	7	453.8	126.7
Masters Energy Inc.	0.0%	78.0	15	78.0	14	-	7	600.0	78.0
Polar Star Canadian Oil and Gas, Inc.	92.5%	59.5	16	59.5	15	-	7	8,166.6	792.5
Welleco Ventures Ltd.	57.6%	6.7	17	-	17	6.7	3	399.5	15.8
Arcan Resources Ltd.	100.0%	-	18	-	17	-	7	38,380.6	17,231.6
Corinthian Energy Corp.	100.0%	-	18	-	17	-	7	4,813.7	835.8
Devon Canada	100.0%	-	18	-	17	-	7	5,860.6	12,920.9
JED Production Inc.	100.0%	-	18	-	17	-	7	33,421.5	4,206.4
TOTALS FOR HIGH LEVEL	**99.2%**	**15,864.4**		**15,682.6**		**181.8**		**1,315,702.8**	**1,870,010.1**

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.

FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
MEDICINE HAT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Husky Oil Operations Limited	88.0%	6,565.8	1	6,078.9	1	486.9	3	460,604.3	54,723.7
Penn West Petroleum Ltd.	85.0%	5,596.3	2	5,251.5	2	344.8	5	289,105.7	37,292.3
Canadian Natural Resources Limited	96.1%	2,745.8	3	2,586.2	4	159.6	10	481,047.7	70,154.0
Avenir Operating Corp.	35.1%	2,675.3	4	2,637.1	3	38.2	16	29,181.5	4,122.3
Enerplus Resources Corporation	96.7%	2,384.9	5	2,384.9	5	-	49	147,420.9	71,399.0
Harvest Operations Corp.	88.4%	2,112.7	6	2,073.9	6	38.8	15	202,326.5	18,217.3
Celtic Exploration Ltd.	64.5%	1,956.4	7	1,894.9	7	61.5	13	32,038.5	5,514.5
Enterra Energy Corp.	77.6%	1,551.8	8	1,551.8	8	-	49	17,428.5	6,933.4
Wild Stream Exploration Inc.	6.4%	1,457.8	9	1,457.3	9	0.5	46	15,950.6	1,557.7
Crew Energy Inc.	94.9%	1,384.1	10	1,384.1	10	-	49	139,299.1	27,285.5
ARC Resources Ltd.	52.7%	1,333.0	11	1,330.8	11	2.2	42	49,595.1	2,816.3
Pengrowth Corporation	95.5%	1,251.3	12	1,228.2	12	23.1	22	218,317.8	27,658.8
Encana Oil & Gas Partnership	98.5%	1,243.8	13	822.6	15	421.2	4	897,203.4	85,424.8
Iteration Energy Ltd.	66.4%	1,108.5	14	1,102.5	13	6.0	32	34,913.0	3,295.0
Churchill Energy Inc.	4.5%	933.4	15	933.4	14	-	49	8,709.3	977.6
Conocophillips Canada Energy Partnership	97.2%	752.8	16	135.0	28	617.8	1	65,227.6	26,755.4
Bonavista Petroleum Ltd.	94.6%	609.5	17	11.1	46	598.4	2	143,345.7	11,346.5
Compass Petroleum Inc.	72.7%	570.4	18	548.5	16	21.9	23	17,129.5	2,092.9
Enerplus Oil & Gas Ltd.	0.0%	446.8	19	446.8	17	-	49	2,607.3	446.8
Mosaic Energy Ltd.	17.8%	404.2	20	404.2	18	-	49	9,754.5	491.5
Provident Energy Ltd.	93.7%	397.7	21	397.7	19	-	49	5,229.8	6,283.7
Zargon Oil & Gas Ltd.	86.2%	391.8	22	391.7	20	0.1	48	33,764.9	2,836.8
Cenovus Energy Inc.	95.9%	382.3	23	238.0	24	144.3	11	90,577.1	9,278.1
EOG Resources Canada Inc.	83.6%	333.0	24	331.8	21	1.2	43	2,797.2	2,036.6
Petrobakken Development Ltd.	93.9%	328.3	25	150.8	27	177.5	8	31,620.8	5,381.5
Taqa North Ltd.	97.1%	307.1	26	303.1	22	4.0	36	97,774.3	10,606.1
Enermark Inc.	94.2%	299.6	27	68.6	34	231.0	6	161,956.6	5,141.1
Gentry Resources Ltd.	92.9%	289.5	28	289.5	23	-	49	25,053.6	4,103.4
Sword Energy Inc.	96.4%	275.5	29	67.1	35	208.4	7	25,795.9	7,707.5
EnCana Corporation	97.6%	203.0	30	129.2	30	73.8	12	87,051.2	8,616.0
Paramount Resources Ltd.	96.4%	202.0	31	202.0	25	-	49	23,148.4	5,576.9
Esprit Exploration Ltd.	97.4%	199.2	32	22.8	42	176.4	9	13,034.8	7,618.0
Monterey Exploration Ltd.	0.0%	160.9	33	157.9	26	3.0	40	1,435.4	160.9
Hunt Oil Company Of Canada, Inc.	0.0%	154.8	34	130.0	29	24.8	20	257.0	154.8
Trafina Energy Ltd.	0.0%	104.5	35	104.5	31	-	49	487.5	104.5

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
MEDICINE HAT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Oakmont Energy Ltd.	35.9%	100.3	36	100.3	32	-	49	3,331.8	156.5
Signalta Resources Limited	97.8%	95.1	37	95.1	33	-	49	4,661.4	4,258.7
Provident Acquisitions L.P.	94.9%	85.8	38	62.6	36	23.2	21	4,652.3	1,681.4
Mahalo Energy Ltd.	0.0%	53.4	39	53.4	37	-	49	109.5	53.4
Twin Butte Energy Ltd.	97.0%	52.0	40	7.3	51	44.7	14	3,774.2	1,728.8
Centrica Canada Limited	99.4%	50.1	41	41.2	39	8.9	27	10,037.9	8,334.3
Baytex Energy Ltd.	98.9%	45.6	42	42.6	38	3.0	40	15,389.0	4,158.3
Tykewest Limited	78.6%	40.4	43	33.7	41	6.7	30	2,641.1	189.0
Zapata Energy Corporation	97.0%	36.2	44	36.2	40	-	49	5,480.9	1,216.1
Pearl E&P Canada Ltd.	0.0%	35.6	45	-	59	35.6	17	809.1	35.6
ConocoPhillips Canada Resources Corp.	99.5%	34.1	46	-	59	34.1	18	11,790.1	6,430.4
Winstar Resources Ltd.	50.3%	28.5	47	-	59	28.5	19	2,803.0	57.4
NAL Resources Limited	96.3%	24.4	48	18.7	43	5.7	33	5,968.5	659.3
Canadian Superior Energy Inc.	99.5%	19.7	49	15.6	45	4.1	35	4,397.8	3,678.7
Crossbow Energy Partners I Ltd.	12.5%	18.2	50	-	59	18.2	24	1,723.4	20.8
Crescent Point General Partner Corp.	91.1%	18.1	51	18.1	44	-	49	141.1	203.2
Ridal Resource Ltd.	0.0%	16.8	52	-	59	16.8	25	182.7	16.8
Nuvista Energy Ltd.	95.8%	15.8	53	8.8	49	7.0	29	2,988.7	380.7
Berry Creek Resources Inc.	95.7%	11.0	54	10.5	47	0.5	46	173.2	258.6
Reid Resources Ltd.	0.0%	10.9	55	-	59	10.9	26	996.7	10.9
Advantage Oil & Gas Ltd.	99.0%	9.9	56	9.9	48	-	49	6,577.2	978.8
Arsenal Energy Inc.	98.4%	8.8	57	8.2	50	0.6	45	1,231.0	533.4
Exall Energy Corporation	0.0%	8.3	58	-	59	8.3	28	754.1	8.3
Band Energy Resources Ltd.	32.1%	7.2	59	0.8	56	6.4	31	198.7	10.6
Alberta Petroleum Energy Limited	0.0%	6.7	60	-	59	6.7	30	2,199.1	6.7
935821 Alberta Ltd.	0.0%	6.2	61	6.2	52	-	49	232.4	6.2
BNP Resources Inc.	97.6%	6.2	61	6.2	52	-	49	306.2	262.3
Indra Oil & Gas Ltd.	0.0%	5.4	62	1.5	55	3.9	37	442.2	5.4
Petroglobe Inc.	0.0%	5.4	62	2.0	53	3.4	38	255.6	5.4
San Juan Resources Inc.	98.3%	5.0	63	-	59	5.0	34	896.5	296.5
Buffalo Resources Corp.	98.6%	3.5	64	0.2	57	3.3	39	1,491.6	246.2
Berens Energy Ltd.	99.3%	3.4	65	-	59	3.4	38	2,291.6	464.2
Wrangler West Energy Corp.	99.5%	2.7	66	-	59	2.7	41	4,363.1	497.8
Northern Hunter Energy Inc.	100.0%	1.6	67	1.6	54	-	49	2,290.9	3,925.1
Amarone Oil & Gas Ltd.	99.9%	1.5	68	1.5	55	-	49	4,915.3	1,713.1

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
MEDICINE HAT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Circumpacific Energy Corporation	97.7%	0.9	69	-	59	0.9	44	2,235.5	39.4
Gryphon Petroleum Corp.	99.5%	0.8	70	0.8	56	-	49	1,561.7	160.5
Enerstar Petroleum Corp.	0.0%	0.5	71	-	59	0.5	46	306.9	0.5
Anterra Energy Inc.	99.5%	0.3	72	0.2	57	0.1	48	1,307.0	54.7
Ascent Energy Ltd.	0.0%	0.2	73	-	59	0.2	47	79.6	0.2
Fairwest Energy Corporation	100.0%	0.1	74	0.1	58	-	49	2,574.3	2,320.1
Ammonite Energy Ltd.	100.0%	-	75	-	59	-	49	224.0	0.7
Ammonite Energy Ltd.	100.0%	-	75	-	59	-	49	609.5	5.4
Avalon Energy Ltd.	100.0%	-	75	-	59	-	49	468.8	15.6
Coastal Resources Limited	100.0%	-	75	-	59	-	49	373.2	297.7
Crescent Point Energy Corp.	100.0%	-	75	-	59	-	49	974.5	426.4
Eiger Energy Ltd.	100.0%	-	75	-	59	-	49	1,244.2	54.6
Exoro Energy Inc.	100.0%	-	75	-	59	-	49	392.0	300.7
Frontier Energy Inc.	0.0%	-	75	-	59	-	49	212.3	-
International Frontier Resources Corporation	100.0%	-	75	-	59	-	49	2,042.0	107.6
Legacy Oil + Gas Inc.	100.0%	-	75	-	59	-	49	7,179.4	721.3
Oneex Operations Partnership	0.0%	-	75	-	59	-	49	47.6	-
Petro Energy Corp.	0.0%	-	75	-	59	-	49	7.7	-
Radius Resources Corp.	0.0%	-	75	-	59	-	49	188.0	-
Silver Bay Resources Ltd.	100.0%	-	75	-	59	-	49	308.4	396.9
Solara Exploration Ltd.	100.0%	-	75	-	59	-	49	65.9	480.1
Strategic Oil & Gas Ltd.	100.0%	-	75	-	59	-	49	638.1	65.0
Westdrum Energy Ltd.	100.0%	-	75	-	59	-	49	-	78.1
TOTALS FOR MEDICINE HAT	**92.8%**	**41,990.4**		**37,831.7**		**4,158.7**		**3,994,729.5**	**582,125.6**

[1] Cautions is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.

FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
MIDNAPORE CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Bearspaw Petroleum Ltd.	26.2%	2,091.0	1	2,091.0	1	-	52	12,636.0	2,833.4
Provident Acquisitions L.P.	87.9%	1,554.3	2	1,554.3	2	-	52	38,406.1	12,799.2
Penn West Petroleum Ltd.	94.7%	1,058.4	3	894.9	3	163.5	7	54,087.0	19,855.2
Husky Oil Operations Limited	99.1%	877.1	4	753.2	4	123.9	11	60,662.0	94,517.7
Talisman Energy Inc.	97.1%	804.4	5	654.3	5	150.1	9	127,210.7	28,038.3
Drumlin Energy Corp.	80.0%	572.0	6	-	68	572.0	1	22,345.4	2,867.1
Bonavista Petroleum Ltd.	96.6%	527.7	7	107.8	31	419.9	2	91,281.8	15,586.3
Zapata Energy Corporation	64.0%	480.3	8	480.3	6	-	52	3,846.0	1,334.0
Daylight Energy Ltd.	32.5%	460.8	9	460.8	7	-	52	2,044.8	683.0
Petrobakken Development Ltd.	98.8%	455.0	10	401.9	9	53.1	20	43,296.3	36,676.0
Provident Energy Ltd.	96.8%	455.0	10	393.5	10	61.5	18	31,707.9	14,056.2
Compton Petroleum Corporation	97.3%	436.6	11	212.7	17	223.9	5	22,677.7	16,006.2
Avenir Operating Corp.	0.0%	410.9	12	409.7	8	1.2	45	2,084.7	410.9
Oakmont Energy Ltd.	61.6%	378.7	13	351.5	12	27.2	24	2,945.8	986.1
Exxonmobil Canada Ltd. and Exxonmobil Resources Ltd.	95.2%	364.7	14	165.5	22	199.2	6	47,693.3	7,630.0
Canadian Natural Resources Limited	99.0%	360.1	15	351.8	11	8.3	34	150,225.3	34,328.8
Hunt Oil Company of Canada, Inc.	97.0%	359.8	16	268.4	13	91.4	15	16,082.8	11,929.8
Conocophillips Canada Energy Partnership	98.5%	318.6	17	182.5	20	136.1	10	18,861.1	21,484.4
Argosy Energy Inc.	0.0%	310.4	18	-	68	310.4	3	1,365.8	310.4
Signalta Resources Limited	41.0%	271.2	19	1.2	65	270.0	4	1,816.7	459.5
Sphere Energy Corp.	11.7%	267.7	20	255.7	16	12.0	31	1,538.9	303.2
Bowood Energy Corp.	95.2%	257.4	21	257.4	14	-	52	3,365.8	5,318.6
Milestone Exploration Inc	83.8%	256.4	22	256.4	15	-	52	17,360.1	1,583.5
Encana Oil & Gas Partnership	99.8%	239.7	23	155.9	24	83.8	16	227,125.9	103,833.4
ARC Resources Ltd.	91.7%	208.4	24	208.4	18	-	52	9,068.0	2,524.9
Darian Resources Ltd.	94.5%	193.9	25	189.6	19	4.3	38	5,707.0	3,538.7
Wild Stream Exploration Inc.	0.0%	177.1	26	70.5	37	106.6	12	167.9	177.1
Mahalo Energy Ltd.	0.0%	166.1	27	166.1	21	-	52	310.3	166.1
NAL Resources Limited	99.7%	163.5	28	133.7	26	29.8	23	7,453.7	47,795.9
Trafina Energy Ltd.	0.0%	160.9	29	160.9	23	-	52	253.2	160.9
Corinthian Energy Corp.	96.4%	151.1	30	-	68	151.1	8	9,730.8	4,156.8
Apache Canada Ltd.	85.9%	147.7	31	83.6	33	64.1	17	1,735.8	1,044.9
Conserve Oil Corporation	0.0%	145.9	32	145.9	25	-	52	1,150.9	145.9
Venturion Natural Resources Limited	97.5%	136.4	33	119.4	30	17.0	27	27,991.4	5,415.9
Sutton Energy Ltd.	0.0%	128.3	34	128.3	27	-	52	239.5	128.3

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
MIDNAPORE CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Alban Energy Ltd.	30.5%	124.9	35	124.9	28	-	52	261.6	179.7
Harvest Operations Corp.	99.6%	121.6	36	121.6	29	-	52	62,014.2	32,295.2
Concerto Resources Ltd.	40.4%	103.9	37	-	68	103.9	13	682.5	174.2
Pengrowth Corporation	97.7%	92.4	38	-	68	92.4	14	29,425.8	4,022.9
Coastal Resources Limited	89.0%	92.2	39	89.2	32	3.0	41	1,412.5	839.1
Pradera Resources Inc.	0.0%	81.0	40	80.7	34	0.3	49	311.9	81.0
Caltex Energy Inc.	0.0%	77.4	41	77.4	35	-	52	20.2	77.4
Fairwest Energy Corporation	71.3%	76.8	42	76.8	36	-	52	364.7	267.3
Petrobank Energy and Resources Ltd.	93.6%	73.4	43	67.5	38	5.9	37	1,439.9	1,152.4
Provident Acquisitions Inc.	97.5%	69.7	44	66.0	40	3.7	39	4,715.2	2,815.3
Sword Energy Inc.	93.9%	66.3	45	66.3	39	-	52	3,291.6	1,086.1
EOG Resources Canada Inc.	99.6%	61.4	46	51.8	45	9.6	33	9,401.0	13,966.1
Masters Energy Inc.	99.3%	60.7	47	57.7	42	3.0	41	30,932.0	8,318.8
Breaker Energy Ltd.	99.9%	58.6	48	58.6	41	-	52	91,209.1	42,090.2
Enermark Inc.	93.4%	54.8	49	54.8	43	-	52	2,227.7	827.4
Deep Creek Oil & Gas Inc.	9.9%	54.6	50	-	68	54.6	19	303.8	60.6
Baytex Energy Ltd.	99.2%	52.6	51	52.6	44	-	52	17,439.4	6,518.6
EnCana Corporation	99.6%	51.7	52	51.6	46	0.1	51	28,945.4	14,754.7
Shanpet Resources Ltd.	0.0%	50.2	53	-	68	50.2	21	1,165.3	50.2
Ridal Resource Ltd.	0.0%	44.6	54	-	68	44.6	22	1,083.0	44.6
Paramount Resources Ltd.	18.8%	39.3	55	39.3	47	-	52	202.7	48.4
Canadian Superior Energy Inc.	99.3%	38.4	56	27.7	53	10.7	32	9,894.7	5,391.9
ConocoPhillips Canada (BRC) Partnership	97.4%	38.2	57	13.7	58	24.5	25	5,164.6	1,471.5
Cal-Ranch Resources Inc.	0.0%	36.2	58	36.2	48	-	52	481.4	36.2
Mika Resources Ltd	96.2%	36.0	59	36.0	49	-	52	285.6	943.9
Pennine Petroleum Corporation	0.0%	32.9	60	32.9	50	-	52	96.9	32.9
Rise Resources Corp.	98.3%	32.4	61	32.4	51	-	52	1,548.2	1,859.5
Cowboy Exploration Ltd.	0.0%	29.5	62	29.5	52	-	52	117.8	29.5
Advantage Oil & Gas Ltd.	99.7%	27.0	63	24.0	54	3.0	41	27,906.8	10,099.6
545279 Alberta Limited	0.0%	20.0	64	-	68	20.0	26	199.0	20.0
Martin Head Oil & Gas Ltd.	96.7%	19.8	65	18.4	55	1.4	44	1,446.9	601.2
Crescent Point General Partner Corp.	99.4%	18.0	66	18.0	56	-	52	7,613.5	2,912.1
Silver Blaze Energy Ltd.	89.6%	16.2	67	-	68	16.2	28	900.6	155.2
Taqa North Ltd.	100.0%	15.8	68	0.7	66	15.1	29	19,287.8	35,038.0
Cenovus Energy Inc.	99.8%	14.1	69	14.0	57	0.1	51	18,027.3	8,048.5

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
MIDNAPORE CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Baseline Oil & Gas Inc.	0.0%	13.5	70	-	68	13.5	30	290.1	13.5
Second Wave Petroleum Inc.	91.6%	11.6	71	9.1	60	2.5	42	384.8	138.6
Indra Oil & Gas Ltd.	0.0%	10.7	72	10.7	59	-	52	476.4	10.7
Crescent Point Energy Corp.	99.7%	7.6	73	7.6	61	-	52	6,959.4	2,533.7
Hard Rock Resources Ltd.	50.0%	7.2	74	-	68	7.2	35	867.0	14.4
Ferrybank Resources Ltd.	67.0%	6.7	75	-	68	6.7	36	827.5	20.3
DLS Energy Ltd.	0.0%	5.3	76	5.3	62	-	52	19.8	5.3
Canadian Forest Oil Ltd.	99.9%	4.7	77	1.7	63	3.0	41	4,414.4	8,794.8
Devexco Resources Ltd.	50.0%	3.1	78	-	68	3.1	40	78.6	6.2
Flagstone Energy Inc.	0.0%	2.0	79	1.5	64	0.5	47	517.3	2.0
Exen Resources Inc.	0.0%	1.9	80	-	68	1.9	43	329.0	1.9
Jaco Energy Limited	88.0%	1.1	81	-	68	1.1	46	106.9	9.2
NEO Exploration Inc.	0.0%	1.1	81	-	68	1.1	46	152.5	1.1
Pocahontas Petroleum Ltd.	0.0%	0.5	82	-	68	0.5	47	29.0	0.5
Vermilion Resources Ltd.	99.2%	0.4	83	-	68	0.4	48	52.0	51.0
Conocophillips Western Canada Partnership	100.0%	0.2	84	-	68	0.2	50	205.3	848.6
Exoro Energy Inc.	99.6%	0.2	84	-	68	0.2	50	-	51.4
Ki Exploration Inc.	100.0%	0.2	84	0.2	67	-	52	2,378.2	8,243.2
Elmdale Resources Ltd.	0.0%	0.1	85	-	68	0.1	51	7.9	0.1
BP Canada Energy Company	100.0%	-	86	-	68	-	52	-	25.9
Centrica Canada Limited	100.0%	-	86	-	68	-	52	468.7	215.4
ConocoPhillips Canada Resources Corp.	100.0%	-	86	-	68	-	52	21.1	69.4
Cougar Energy Inc.	0.0%	-	86	-	68	-	52	34.7	-
Crew Energy Partnership	100.0%	-	86	-	68	-	52	18.3	928.2
Crossbow Energy Partners I Ltd.	100.0%	-	86	-	68	-	52	55.0	56.6
Devon Canada	100.0%	-	86	-	68	-	52	12,544.8	5,826.8
Insignia Energy Ltd.	100.0%	-	86	-	68	-	52	601.6	435.0
Lario Oil & Gas Company	100.0%	-	86	-	68	-	52	3,221.1	697.2
Nuloch Resources Inc.	100.0%	-	86	-	68	-	52	1,816.2	447.2
Pearl E&P Canada Ltd.	100.0%	-	86	-	68	-	52	617.7	1,691.3
Petenco Resources Ltd.	100.0%	-	86	-	68	-	52	120.5	1,120.7
Petro Buyers Inc.	0.0%	-	86	-	68	-	52	25.3	-
Rockbridge Energy Alberta Inc.	100.0%	-	86	-	68	-	52	114.1	49.2
Sirius Energy Inc.	0.0%	-	86	-	68	-	52	0.2	-
Tandem Energy Corporation	100.0%	-	86	-	68	-	52	2,831.2	1,638.5

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
MIDNAPORE CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Taylor Management Inc.	100.0%	-	86	-	68	-	52	431.8	1,302.9
The Locke Stock & Barrel Company Ltd.	0.0%	-	86	-	68	-	52	346.9	-
Westdrum Energy Ltd.	100.0%	-	86	-	68	-	52	205.7	155.8
Winstar Resources Ltd.	100.0%	-	86	-	68	-	52	264.8	258.0
Wolf Coulee Resources Inc.	100.0%	-	86	-	68	-	52	1,095.4	665.5
TOTALS FOR MIDNAPORE	**97.6%**	**17,308.2**		**13,523.5**		**3,784.7**		**1,487,228.2**	**731,726.9**

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.

FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
RED DEER CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Glencoe Resources Ltd.	95.4%	1,960.1	1	-	76	1,960.1	1	7,576.4	42,277.3
Bonavista Petroleum Ltd.	98.7%	1,891.7	2	1,143.2	1	748.5	3	134,831.5	144,680.5
Devon Canada	98.7%	1,417.9	3	505.6	6	912.3	2	189,673.2	111,701.8
Pengrowth Corporation	99.0%	1,144.6	4	1,121.9	2	22.7	40	88,945.7	110,738.3
Penn West Petroleum Ltd.	99.6%	1,019.0	5	660.5	3	358.5	6	279,035.8	251,558.6
NAL Resources Limited	99.6%	934.3	6	528.5	5	405.8	5	236,608.1	209,497.3
Taqa North Ltd.	99.4%	711.7	7	360.6	9	351.1	7	148,606.2	115,828.0
Husky Oil Operations Limited	98.3%	609.0	8	128.8	30	480.2	4	45,413.5	35,246.1
ConocoPhillips Western Canada Partnership	99.7%	553.6	9	549.2	4	4.4	61	146,767.9	170,444.9
Bearspaw Petroleum Ltd.	94.5%	483.3	10	483.3	7	-	81	48,726.6	8,858.9
Fairborne Energy Ltd.	96.2%	472.7	11	472.7	8	-	81	52,941.4	12,596.1
Apache Canada Ltd.	99.4%	466.9	12	134.8	29	332.1	8	25,851.8	73,219.2
Signalta Resources Limited	84.5%	366.3	13	275.0	14	91.3	22	5,249.3	2,355.9
Crew Energy Inc.	-4.4%	357.6	14	357.6	10	-	81	1,946.5	342.5
True Energy Inc.	98.6%	315.7	15	309.9	11	5.8	57	3,082.9	22,631.9
Advantage Oil & Gas Ltd.	99.7%	313.2	16	202.5	20	110.7	17	96,267.5	101,154.0
ConocoPhillips Canada Energy Partnership	99.2%	309.1	17	173.2	23	135.9	13	68,205.5	38,073.4
Direct Energy Marketing Limited	95.5%	307.1	18	291.7	12	15.4	49	10,387.7	6,878.4
Cabrerra Resources Ltd.	99.2%	298.2	19	4.9	64	293.3	9	18,484.2	39,743.5
Action Energy Inc.	0.0%	289.9	20	194.1	21	95.8	20	2,633.4	289.9
Suncor Energy Oil and Gas Partnership	99.2%	286.6	21	286.3	13	0.3	78	69,205.0	34,275.9
Enerplus Resources Corporation	98.1%	260.6	22	227.0	17	33.6	36	15,487.5	13,726.8
Sword Energy Inc.	98.3%	253.2	23	253.2	15	-	81	85,206.4	15,112.7
Harvest Operations Corp.	99.7%	243.3	24	225.4	18	17.9	45	110,626.4	72,371.7
Twin Butte Energy Ltd.	2.3%	242.9	25	238.6	16	4.3	62	521.8	248.6
Wolf Coulee Resources Inc.	3.8%	214.7	26	214.7	19	-	81	1,016.5	223.1
Exxonmobil Canada Ltd. and Exxonmobil Resources Ltd.	99.5%	207.1	27	159.1	27	48.0	30	45,388.8	45,998.3
Alexander Oilfield Services Ltd.	63.5%	204.9	28	202.5	20	2.4	66	1,722.4	561.6
Vero Energy Inc.	0.0%	185.2	29	185.2	22	-	81	302.6	185.2
Canadian Natural Resources Limited	98.6%	179.2	30	13.5	55	165.7	10	16,726.2	12,838.1
Petro-Canada	99.5%	173.0	31	172.8	24	0.2	79	74,060.0	35,645.3
Encana Oil & Gas Partnership	98.4%	165.0	32	7.6	59	157.4	12	7,683.2	10,047.7
Superman Resources Inc.	87.0%	164.6	33	-	76	164.6	11	727.6	1,265.1
Celtic Exploration Ltd.	85.7%	162.7	34	159.3	26	3.4	64	1,471.4	1,140.2
Omers Energy Inc.	34.1%	162.6	35	162.6	25	-	81	315.5	246.8

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
RED DEER CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Provident Energy Ltd.	99.7%	151.9	36	39.9	48	112.0	16	17,247.0	44,599.2
EOG Resources Canada Inc.	99.6%	151.6	37	151.6	28	-	81	36,136.9	38,749.5
Central Global Resources Ulc	97.9%	146.7	38	47.3	44	99.4	19	12,504.6	6,859.1
Sifton Energy Inc.	96.3%	140.4	39	48.7	43	91.7	21	3,800.2	3,791.4
Winstar Resources Ltd.	0.0%	132.8	40	-	76	132.8	14	144.8	132.8
ConocoPhillips Canada (BRC) Partnership	99.5%	131.2	41	108.6	32	22.6	41	10,129.6	25,129.9
Vermilion Resources Ltd.	95.2%	118.7	42	-	76	118.7	15	2,478.5	2,455.1
Angle Energy Inc.	98.7%	117.3	43	115.4	31	1.9	69	2,554.1	8,951.0
Highpine Oil & Gas Limited	98.9%	108.8	44	-	76	108.8	18	2,164.4	10,034.4
Buffalo Resources Corp.	44.3%	103.1	45	91.4	34	11.7	52	1,224.2	185.1
Milestone Exploration Inc	91.9%	100.2	46	100.2	33	-	81	970.4	1,242.2
Provident Acquisitions Inc.	0.0%	87.4	47	-	76	87.4	23	718.5	87.4
PMC (Nova Scotia) Company	0.0%	84.2	48	84.2	35	-	81	-	-
Quatro Resources Inc.	97.2%	83.7	49	83.0	36	0.7	76	5,617.7	2,949.4
Gentry Resources Ltd.	-3.2%	81.3	50	81.3	37	-	81	407.4	78.8
Connacher Oil and Gas Limited	98.1%	79.4	51	13.3	56	66.1	26	12,033.2	4,092.8
Sogar Resources Ltd.	98.1%	76.6	52	-	76	76.6	24	6,115.4	3,962.6
Optimus Energy Limited	0.0%	74.9	53	-	76	74.9	25	275.1	74.9
Anderson Energy Ltd.	99.1%	73.9	54	28.0	51	45.9	32	6,842.0	8,511.0
Progress Energy Ltd.	98.3%	72.2	55	51.0	41	21.2	43	1,637.2	4,301.1
Bellatrix Exploration Ltd.	98.6%	71.4	56	71.4	38	-	81	613.8	5,162.1
Compton Petroleum Corporation	86.4%	64.2	57	64.2	39	-	81	1,936.0	472.7
Crossbow Energy Partners Ltd.	0.0%	55.4	58	-	76	55.4	27	32.1	55.4
South Ridge Management Ltd.	0.0%	55.3	59	55.3	40	-	81	351.7	55.3
Mo's Supervising & Consulting Ltd.	0.0%	50.8	60	-	76	50.8	28	135.5	50.8
ConocoPhillips Canada Resources Corp.	99.7%	50.4	61	50.1	42	0.3	78	14,075.6	16,292.5
Mato Inc.	96.0%	50.1	62	2.9	67	47.2	31	586.1	1,266.2
Triaxon Energy Inc.	99.3%	48.2	63	-	76	48.2	29	21,381.1	6,476.5
ARC Resources Ltd.	99.9%	46.5	64	40.8	46	5.7	58	42,813.6	42,093.1
Bountiful Resources Inc.	97.8%	44.5	65	-	76	44.5	33	3,306.1	2,038.4
Ramier Resources Ltd.	0.0%	43.0	66	43.0	45	-	81	353.9	43.0
Timberrock Energy Corp.	56.6%	41.6	67	40.5	47	1.1	73	384.2	95.8
1483383 Alberta Ltd.	92.6%	37.6	68	5.2	63	32.4	37	710.8	505.4
Brand S Resources Ltd.	0.0%	37.5	69	37.5	49	-	81	401.9	37.5
Gold Ridge Investments Corporation	0.0%	37.0	70	-	76	37.0	34	158.5	37.0

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
RED DEER CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Daylight Amalgamationco Ltd.	98.7%	36.8	71	-	76	36.8	35	579.4	2,870.4
Regent Resources Ltd.	89.2%	33.1	72	33.1	50	-	81	513.0	306.8
Yellow Brick Energy Ltd.	97.9%	27.3	73	27.3	52	-	81	2,691.7	1,303.9
Madison Energy Corp.	99.4%	24.3	74	-	76	24.3	38	1,497.3	4,179.0
Petrobakken Development Ltd.	99.8%	24.2	75	9.0	57	15.2	50	11,735.2	15,726.0
Esprit Exploration Ltd.	99.9%	23.9	76	-	76	23.9	39	14,828.9	16,348.1
Tykewest Limited	81.8%	23.0	77	21.7	54	1.3	71	733.3	126.3
Monterey Exploration Ltd.	99.6%	22.9	78	22.0	53	0.9	75	23,283.3	5,903.6
Gamet Resources Ltd.	80.6%	22.7	79	5.7	62	17.0	47	1,139.9	117.2
Midway Energy Ltd.	97.4%	22.4	80	-	76	22.4	42	1,785.9	850.5
Exen Resources Inc.	69.7%	19.6	81	2.0	68	17.6	46	2,347.9	64.7
Baseline Oil & Gas Inc.	0.0%	19.0	82	-	76	19.0	44	170.1	19.0
Imperial Oil Resources	99.8%	16.3	83	6.4	61	9.9	53	25,064.2	10,864.0
Seven Energy (Canada) Inc.	98.3%	15.8	84	-	76	15.8	48	594.6	941.3
Macon Oil & Gas Corp.	98.9%	12.2	85	-	76	12.2	51	1,505.2	1,136.1
NEO Exploration Inc.	70.7%	9.8	86	-	76	9.8	54	868.9	33.4
Crocotta Energy Inc.	99.0%	8.8	87	-	76	8.8	55	1,738.6	848.3
Hard Rock Resources Ltd.	95.6%	8.4	88	-	76	8.4	56	801.9	190.3
Kinuso Mercantile Ltd.	0.0%	8.0	89	8.0	58	-	81	267.2	8.0
South Bay Resources Canada, Ulc.	0.0%	8.0	89	8.0	58	-	81	330.0	8.0
NAL Petroleum (ACE) Ltd.	99.9%	7.1	90	7.1	60	-	81	6,683.2	8,654.8
Camino Industries Inc.	99.9%	5.4	91	-	76	5.4	59	2,541.3	4,946.9
Tri-Ment Corporation Ltd.	20.9%	5.3	92	-	76	5.3	60	24.6	6.7
BP Canada Energy Company	100.0%	4.4	93	-	76	4.4	61	8,218.4	95,972.3
Coastal Resources Limited	90.6%	3.8	94	3.8	65	-	81	603.4	40.5
Salvo Energy Corporation	95.1%	3.8	94	3.8	65	-	81	221.4	76.8
Shanpet Resources Ltd.	98.9%	3.6	95	-	76	3.6	63	98.4	338.9
Rockyview Energy Inc.	99.5%	3.4	96	-	76	3.4	64	1,296.6	635.7
Prospex Resources Ltd.	100.0%	3.3	97	3.0	66	0.3	78	1,329.9	22,514.8
Silver Blaze Energy Ltd.	69.0%	2.6	98	-	76	2.6	65	429.8	8.4
Pearson Resources Ltd.	0.0%	2.3	99	0.1	75	2.2	67	276.7	2.3
Spur Energy Corp.	0.0%	2.1	100	-	76	2.1	68	294.5	2.1
Open Range Energy Corp.	98.5%	1.7	101	1.7	69	-	81	364.5	112.4
Baccalieu Energy Inc.	99.6%	1.5	102	-	76	1.5	70	613.4	402.8
KinMerc Oil & Gas Inc.	0.0%	1.5	102	1.5	70	-	81	49.9	1.5

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
RED DEER CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Enermark Inc.	100.0%	1.2	103	-	76	1.2	72	6,645.2	8,575.2
Enhance Energy Inc.	99.3%	1.2	103	0.2	74	1.0	74	198.1	174.1
Milen's Oilfield Enterprises Ltd.	99.9%	1.2	103	-	76	1.2	72	194.6	2,030.6
Petrobank Energy and Resources Ltd.	99.8%	1.1	104	1.1	71	-	81	2,110.2	605.7
Orleans Energy Ltd.	100.0%	0.8	105	0.8	72	-	81	11,139.7	9,304.1
Conserve Oil Corporation	99.9%	0.7	106	-	76	0.7	76	1,030.1	801.9
Petrocardium Exploration Ltd.	0.0%	0.4	107	0.4	73	-	81	158.4	0.4
SunOcean Energy Ltd.	100.0%	0.4	107	-	76	0.4	77	4,870.2	7,306.4
Rotex Energy Ltd.	99.7%	0.3	108	-	76	0.3	78	18.3	117.4
Deep Creek Oil & Gas Inc.	100.0%	0.2	109	-	76	0.2	79	1,041.1	763.5
Dorado Energy Inc.	100.0%	0.2	109	-	76	0.2	79	1,532.6	1,835.7
Forent Energy Ltd.	0.0%	0.1	110	-	76	0.1	80	2.8	0.1
Wild Stream Exploration Inc.	99.9%	0.1	110	-	76	0.1	80	356.4	191.9
981384 Alberta Ltd.	100.0%	-	111	-	76	-	81	192.9	403.1
AltaGas Ltd.	100.0%	-	111	-	76	-	81	1.0	147.9
Arsenal Energy Inc.	100.0%	-	111	-	76	-	81	625.6	617.5
Artemis Exploration Inc.	0.0%	-	111	-	76	-	81	230.0	-
Avenir Operating Corp.	100.0%	-	111	-	76	-	81	992.6	1,199.3
Ballater Resources Ltd.	100.0%	-	111	-	76	-	81	93.1	90.6
Bentley Oil & Gas Ltd.	100.0%	-	111	-	76	-	81	251.9	12.0
Birchill Exploration Limited Partnership	100.0%	-	111	-	76	-	81	268.1	1,181.2
Canada West Resources Inc.	0.0%	-	111	-	76	-	81	13.3	-
Canadian Superior Energy Inc.	100.0%	-	111	-	76	-	81	689.7	317.5
Canext Energy Ltd.	100.0%	-	111	-	76	-	81	1,208.6	240.6
Canyon Oil & Gas Corporation	100.0%	-	111	-	76	-	81	131.8	767.7
Condor Canada Petroleum Inc.	100.0%	-	111	-	76	-	81	5,827.1	646.8
Crescent Point Energy Corp.	100.0%	-	111	-	76	-	81	169.2	538.4
Crew Energy Partnership	100.0%	-	111	-	76	-	81	10,402.4	9,445.4
Daylight Energy Ltd.	100.0%	-	111	-	76	-	81	272.8	348.5
Diaz Resources Ltd.	100.0%	-	111	-	76	-	81	91.4	1,291.2
Echoex Ltd.	100.0%	-	111	-	76	-	81	150.7	159.5
Elkwater Resources Ltd.	100.0%	-	111	-	76	-	81	143.2	365.8
Enerplus Oil & Gas Ltd.	100.0%	-	111	-	76	-	81	1,284.0	1,951.2
Enterra Energy Corp.	100.0%	-	111	-	76	-	81	3,897.3	5,805.1
Exoro Energy Inc.	100.0%	-	111	-	76	-	81	1,047.5	737.2

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.

FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
RED DEER CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M³)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M³)	FLARE RANK	GAS VENTED (1000 M³)	VENT RANK	OIL PROD (M³)	SOL'N GAS PROD (1000 M³)
Fairwest Energy Corporation	100.0%	-	111	-	76	-	81	400.2	959.5
Ferrybank Resources Ltd.	100.0%	-	111	-	76	-	81	1,433.8	386.9
FET Resources Ltd.	100.0%	-	111	-	76	-	81	1,807.6	2,974.2
Freehold Resources Ltd.	0.0%	-	111	-	76	-	81	59.1	-
Grandview Exploration Inc.	100.0%	-	111	-	76	-	81	2,386.9	2.4
Hunt Oil Company of Canada, Inc.	100.0%	-	111	-	76	-	81	3,396.9	3,781.6
Iteration Energy Ltd.	100.0%	-	111	-	76	-	81	539.6	209.7
Knowledge Energy Inc.	100.0%	-	111	-	76	-	81	284.0	881.0
MEC Operating Company ULC	100.0%	-	111	-	76	-	81	68.1	145.7
Mosaic Energy Ltd.	100.0%	-	111	-	76	-	81	364.1	219.8
Onyx 2006 Inc.	100.0%	-	111	-	76	-	81	18.6	1,302.3
Owl River Resources Ltd.	100.0%	-	111	-	76	-	81	677.6	1,003.0
Paramount Resources Ltd.	100.0%	-	111	-	76	-	81	2,151.5	2,297.5
Petro Uno Resources Ltd.	100.0%	-	111	-	76	-	81	294.8	225.3
Primrose Drilling Ventures Ltd.	100.0%	-	111	-	76	-	81	104.0	799.3
Redcliffe Exploration Inc.	100.0%	-	111	-	76	-	81	2,557.7	734.8
Rise Resources Corp.	0.0%	-	111	-	76	-	81	172.3	-
Rock Energy Inc.	100.0%	-	111	-	76	-	81	1,670.7	2,934.4
Rock Energy Ltd.	100.0%	-	111	-	76	-	81	3,054.1	4,822.4
Rustler Petroleum Inc.	100.0%	-	111	-	76	-	81	141.1	0.8
Saffron Energy Ltd.	100.0%	-	111	-	76	-	81	347.1	651.4
Scollard Energy Inc.	100.0%	-	111	-	76	-	81	137.4	216.3
Shapco Resources Ltd.	100.0%	-	111	-	76	-	81	2,478.8	2,543.3
Terra Energy Corp.	100.0%	-	111	-	76	-	81	803.4	92.4
Tournament Exploration Ltd.	100.0%	-	111	-	76	-	81	7,095.0	2,028.2
Trarion Resources Ltd.	100.0%	-	111	-	76	-	81	153.9	582.6
Trilight Energy Inc.	100.0%	-	111	-	76	-	81	15.8	502.1
Westdrum Energy Ltd.	100.0%	-	111	-	76	-	81	932.4	424.4
Westfire Energy Ltd.	100.0%	-	111	-	76	-	81	79.3	788.9
Zargon Oil & Gas Ltd.	100.0%	-	111	-	76	-	81	2,840.6	918.4
TOTALS FOR RED DEER	**99.1%**	**20,623.5**		**12,027.3**		**8,596.2**		**2,461,209.3**	**2,268,836.9**

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
ST. ALBERT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Shell Canada Energy	74.5%	26,706.1	1	20,089.8	1	6,616.3	1	905,092.5	104,718.0
Penn West Petroleum Ltd.	95.8%	13,921.9	2	10,136.4	2	3,785.5	2	1,081,326.4	334,629.3
Murphy Oil Company Ltd.	68.8%	9,751.0	3	9,751.0	3	-	74	297,602.8	31,297.3
Devon Canada	96.6%	6,337.2	4	5,874.5	4	462.7	8	715,786.8	185,866.7
Pengrowth Corporation	98.0%	4,785.3	5	4,011.5	5	773.8	5	673,011.0	238,395.0
Harvest Operations Corp.	85.3%	4,746.4	6	3,220.5	7	1,525.9	3	212,646.0	32,356.0
Celtic Exploration Ltd.	68.6%	4,188.1	7	3,826.0	6	362.1	9	51,760.5	13,338.8
Baytex Energy Ltd.	39.2%	2,173.5	8	2,154.2	8	19.3	43	43,984.9	3,575.2
Canadian Natural Resources Limited	96.5%	1,961.3	9	1,724.8	9	236.5	15	347,438.3	56,398.9
Exall Energy Corporation	12.9%	1,586.6	10	304.3	27	1,282.3	4	26,291.0	1,822.2
Daylight Energy Ltd.	88.7%	1,385.9	11	1,342.3	10	43.6	36	44,359.4	12,238.7
Apache Canada Ltd.	97.8%	1,349.4	12	644.6	14	704.8	6	310,646.6	62,000.6
Arcan Resources Ltd.	55.5%	1,267.9	13	1,266.3	11	1.6	65	43,044.5	2,846.9
FET Resources Ltd.	32.8%	1,184.4	14	919.8	13	264.6	12	26,125.1	1,762.9
Pearl E&P Canada Ltd.	94.9%	1,177.5	15	1,177.5	12	-	74	73,300.8	22,918.1
Enermark Inc.	98.2%	1,033.4	16	570.0	16	463.4	7	81,750.3	56,751.5
Canadian Forest Oil Ltd.	65.9%	799.0	17	608.5	15	190.5	19	60,627.4	2,344.8
Vermilion Resources Ltd.	87.8%	647.1	18	467.2	22	179.9	20	79,840.2	5,322.1
Great Plains Exploration Inc.	33.4%	546.3	19	542.3	17	4.0	58	14,861.5	820.8
Alberta Oilsands Inc.	30.3%	534.6	20	534.6	18	-	74	2,402.3	766.5
Trilogy Resources Ltd.	99.0%	533.6	21	503.8	21	29.8	39	82,880.4	55,756.2
Arsenal Energy Inc.	32.1%	530.0	22	530.0	19	-	74	17,229.7	780.7
Fortune Energy Inc.	31.3%	529.2	23	529.2	20	-	74	21,462.0	770.0
Husky Oil Operations Limited	90.1%	519.3	24	190.0	33	329.3	11	28,967.0	5,269.9
Nordegg Resources Inc.	0.1%	503.8	25	503.8	21	-	74	20,061.5	504.2
Iteration Energy Ltd.	87.0%	454.2	26	442.6	24	11.6	48	21,420.4	3,491.1
Anterra Energy Inc.	0.0%	452.4	27	452.4	23	-	74	411.6	452.4
Trafina Energy Ltd.	3.1%	431.6	28	431.6	25	-	74	1,070.6	445.3
Advantage Oil & Gas Ltd.	96.5%	386.8	29	135.3	38	251.5	13	41,945.5	10,907.2
ARC Resources Ltd.	92.5%	374.0	30	177.1	35	196.9	18	52,764.4	4,970.2
Sword Energy Inc.	97.3%	340.2	31	8.2	79	332.0	10	31,394.3	12,743.5
Exoro Energy Inc.	0.0%	307.3	32	307.3	26	-	74	688.4	307.3
Serrano Energy Ltd.	0.0%	257.7	33	17.9	74	239.8	14	4,207.5	257.7
North Peace Energy Corp.	0.0%	239.9	34	239.9	28	-	74	2,888.6	239.9
Anderson Energy Ltd.	83.3%	234.7	35	228.0	31	6.7	53	3,836.7	1,409.2

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
ST. ALBERT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
MEC Operating Company ULC	98.8%	233.9	36	233.9	29	-	74	71,579.9	19,728.0
Novus Energy Inc.	21.6%	230.6	37	230.6	30	-	74	1,051.5	294.1
Signalta Resources Limited	12.1%	223.3	38	1.2	90	222.1	16	2,842.8	253.9
Bonterra Energy Corp.	69.3%	222.3	39	169.6	37	52.7	32	1,842.9	724.9
Midlake Oil & Gas Limited	11.3%	213.8	40	-	93	213.8	17	3,453.2	241.1
Conocophillips Western Canada Partnership	99.0%	191.6	41	191.6	32	-	74	58,842.2	20,110.5
Midnight Oil Exploration Ltd.	77.6%	182.8	42	182.8	34	-	74	18,861.3	815.0
Second Wave Petroleum Inc.	95.2%	172.2	43	172.2	36	-	74	3,015.7	3,612.3
Dark Energy Ltd.	63.7%	157.5	44	52.2	55	105.3	22	8,076.3	433.7
Breaker Energy Ltd.	97.8%	145.3	45	117.3	45	28.0	41	15,442.3	6,686.3
Galleon Energy Inc.	99.3%	135.2	46	34.6	63	100.6	23	38,740.2	18,860.9
Whitehall Energy Ltd.	10.4%	133.1	47	133.1	39	-	74	2,285.7	148.6
Taqa North Ltd.	99.4%	132.3	48	132.3	40	-	74	17,192.3	20,376.9
Canflame Energy Ltd.	95.3%	131.4	49	131.4	41	-	74	3,776.5	2,825.5
Sure Energy Inc.	6.5%	130.2	50	130.2	42	-	74	601.2	139.2
Zargon Oil & Gas Ltd.	0.0%	127.6	51	127.6	43	-	74	1,782.0	127.6
Orion Oil & Gas (North America) Ltd.	99.2%	124.8	52	122.2	44	2.6	62	33,654.3	15,410.8
Midway Energy Ltd.	90.5%	123.3	53	36.6	61	86.7	25	8,221.3	1,299.2
Leddy Exploration Limited	93.4%	116.5	54	92.9	48	23.6	42	7,121.7	1,776.2
Sifton Energy Inc.	0.0%	116.0	55	116.0	46	-	74	343.5	116.0
Bonavista Petroleum Ltd.	99.2%	109.1	56	-	93	109.1	21	9,873.6	14,342.2
Rustum Petroleums Limited	0.0%	98.1	57	30.3	66	67.8	27	3,661.3	98.1
Direct Energy Marketing Limited	97.6%	96.1	58	96.1	47	-	74	14,594.0	3,940.9
Saffron Energy Ltd.	0.0%	92.3	59	-	93	92.3	24	1,592.2	92.3
Vero Energy Inc.	99.5%	91.2	60	36.3	62	54.9	30	7,718.7	18,761.0
Fairborne Energy Ltd.	-0.4%	84.9	61	84.9	49	-	74	311.4	84.6
Storm Exploration Inc.	0.0%	83.7	62	83.7	50	-	74	859.3	83.7
International Sovereign Energy Corp.	15.6%	81.5	63	81.5	51	-	74	682.1	96.6
Halvar Resources Ltd.	0.0%	75.8	64	75.8	52	-	74	466.9	75.8
Talisman Energy Inc.	99.4%	72.2	65	1.5	89	70.7	26	15,385.8	12,825.4
Westfire Energy Ltd.	90.6%	69.7	66	41.6	60	28.1	40	4,663.0	740.8
Provident Energy Ltd.	11.5%	68.8	67	3.5	85	65.3	28	1,212.5	77.7
Cougar Energy Inc.	0.0%	68.4	68	14.4	76	54.0	31	2,326.4	68.4
Response Energy Corporation	96.1%	65.8	69	53.2	54	12.6	47	8,668.4	1,669.7
Border Petroleum Inc.	31.9%	62.6	70	43.4	59	19.2	44	1,183.1	91.9

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
ST. ALBERT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
NAL Resources Limited	72.2%	60.2	71	48.7	57	11.5	49	2,513.8	216.9
Ravenwood Energy Corp.	81.4%	59.9	72	59.9	53	-	74	8,500.3	321.3
Avenir Operating Corp.	68.3%	59.2	73	-	93	59.2	29	637.7	187.0
Jaco Energy Limited	85.2%	51.1	74	51.1	56	-	74	3,514.0	344.4
Western Canada Energy Ltd.	42.9%	48.0	75	3.0	86	45.0	35	1,707.2	84.0
Kallisto Energy Corp.	0.0%	47.9	76	-	93	47.9	33	962.1	47.9
Petrobakken Development Ltd.	99.4%	47.5	77	45.9	58	1.6	65	40,877.0	7,693.3
Primrose Drilling Ventures Ltd.	0.0%	45.4	78	-	93	45.4	34	897.1	45.4
Petrobank Energy And Resources Ltd.	0.0%	44.8	79	2.4	88	42.4	37	1,180.8	44.8
Triaxon Energy Inc.	95.5%	41.7	80	28.2	68	13.5	46	696.7	920.2
Corinthian Energy Corp.	95.8%	38.1	81	33.7	64	4.4	57	1,316.8	904.2
Imperial Oil Resources	99.7%	34.4	82	31.4	65	3.0	61	2,443.3	10,200.3
New North Resources Ltd.	0.0%	31.2	83	-	93	31.2	38	934.3	31.2
Kinuso Mercantile Ltd.	91.8%	29.2	84	17.9	74	11.3	50	2,271.7	355.7
Beaver Lake Resources Corporation	0.0%	28.8	85	28.8	67	-	74	525.4	28.8
Paramount Energy Operating Corp.	99.2%	27.6	86	27.6	69	-	74	3,265.5	3,449.6
Surat Energy Inc.	0.0%	25.2	87	25.2	70	-	74	906.7	25.2
Mancal Energy Inc.	99.5%	24.7	88	24.7	71	-	74	52,452.3	5,010.9
Indra Oil & Gas Ltd.	0.0%	20.1	89	20.1	72	-	74	775.0	20.1
ConocoPhillips Canada Resources Corp.	99.0%	18.0	90	18.0	73	-	74	5,067.7	1,757.3
7198621 Canada Inc.	99.5%	16.0	91	1.5	89	14.5	45	7,982.8	3,182.6
Barrick Energy Inc.	0.0%	15.0	92	15.0	75	-	74	839.5	15.0
Bountiful Resources Inc.	63.0%	14.0	93	13.9	77	0.1	73	1,185.5	37.8
KinMerc Oil & Gas Inc.	79.3%	12.4	94	6.3	82	6.1	54	605.8	60.0
Progress Energy Ltd.	99.8%	11.0	95	5.7	84	5.3	55	14,525.6	5,487.4
Emerald Bay Energy Inc.	0.0%	10.9	96	-	93	10.9	51	1,107.4	10.9
Scollard Energy Inc.	95.6%	10.0	97	-	93	10.0	52	672.9	225.0
Pradera Resources Inc.	0.0%	9.3	98	9.3	78	-	74	1,806.2	9.3
Trend Resources Corporation	82.2%	8.5	99	7.2	81	1.3	66	64.7	47.8
Coastal Resources Limited	97.8%	7.8	100	7.5	80	0.3	71	15,822.0	352.3
Kootenay Energy Inc.	0.0%	5.9	101	5.9	83	-	74	4,523.1	5.9
Vigilant Exploration Inc.	99.0%	5.0	102	-	93	5.0	56	1,337.2	519.7
Mosaic Energy Ltd.	0.0%	3.7	103	-	93	3.7	59	11.2	3.7
Eastnell Resources Ltd.	0.0%	3.6	104	-	93	3.6	60	142.2	3.6
Hillsdale Drilling Ltd.	0.0%	3.0	105	-	93	3.0	61	266.5	3.0

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
ST. ALBERT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Petro Uno Resources Ltd.	0.0%	2.6	106	2.5	87	0.1	73	1,244.0	2.6
Alka Resources Ltd.	97.0%	2.4	107	-	93	2.4	63	1,204.6	80.7
Devexco Resources Ltd.	75.0%	1.8	108	-	93	1.8	64	44.2	7.2
Exxonmobil Canada Ltd. and Exxonmobil Resources Ltd.	100.0%	1.6	109	-	93	1.6	65	757.0	4,700.7
Koch Exploration Canada G/P Ltd.	0.0%	1.6	109	-	93	1.6	65	157.3	1.6
Wrangler West Energy Corp.	100.0%	1.3	110	-	93	1.3	66	12,196.4	16,473.0
Detector Exploration Ltd.	29.4%	1.2	111	1.2	90	-	74	1,289.3	1.7
Trihawk Energy Ltd.	0.0%	1.2	111	1.2	90	-	74	118.5	1.2
Rangex Resources Ltd.	87.8%	0.9	112	-	93	0.9	67	140.4	7.4
Redwater Energy Corp.	92.7%	0.9	112	0.9	91	-	74	243.1	12.4
Bering Exploration, Company, Ulc	97.2%	0.8	113	-	93	0.8	68	383.7	28.7
Richann Contract Operators Ltd.	0.0%	0.7	114	-	93	0.7	69	48.1	0.7
Encana Oil & Gas Partnership	99.4%	0.5	115	-	93	0.5	70	50.6	77.3
Woodthorpe Petroleum Ltd.	83.3%	0.5	115	-	93	0.5	70	252.9	3.0
Delphi Energy Corp.	93.5%	0.2	116	0.2	92	-	74	1,529.8	3.1
Echoex Ltd.	50.0%	0.2	116	-	93	0.2	72	295.1	0.4
1451637 Alberta Ltd.	0.0%	0.1	117	-	93	0.1	73	316.9	0.1
AltaGas Ltd.	100.0%	-	118	-	93	-	74	356.3	995.3
Amarone Oil & Gas Ltd.	100.0%	-	118	-	93	-	74	3,134.3	2,906.4
Artemis Exploration Inc.	100.0%	-	118	-	93	-	74	1,348.8	66.1
Ballater Resources Ltd.	0.0%	-	118	-	93	-	74	418.9	-
Barnwell of Canada, Limited	100.0%	-	118	-	93	-	74	2,527.4	675.3
Bounty Developments Ltd.	100.0%	-	118	-	93	-	74	337.9	6.0
Cequence Energy Ltd.	100.0%	-	118	-	93	-	74	1,086.2	85.8
CNPC International (Canada) Ltd.	100.0%	-	118	-	93	-	74	1,752.1	1,235.2
Conifer Exploration Ltd.	0.0%	-	118	-	93	-	74	29.9	-
ConocoPhillips Canada (BRC) Partnership	100.0%	-	118	-	93	-	74	8,997.5	5,553.1
Crescent Point Energy Corp.	100.0%	-	118	-	93	-	74	210.3	17.3
Culane Energy Corp.	100.0%	-	118	-	93	-	74	2,601.9	787.3
Dejour Energy (alberta) Ltd.	100.0%	-	118	-	93	-	74	2,318.0	1,395.5
Desmarais Energy Corporation	100.0%	-	118	-	93	-	74	580.5	664.6
Drake Energy Ltd.	100.0%	-	118	-	93	-	74	425.8	1.5
Ember Resources Inc.	100.0%	-	118	-	93	-	74	679.5	21.7
Enhance Energy Inc.	100.0%	-	118	-	93	-	74	912.0	82.1
Fox Creek Petroleum Corp.	100.0%	-	118	-	93	-	74	578.6	190.1

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
ST. ALBERT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
JED Production Inc.	100.0%	-	118	-	93	-	74	24.4	2.8
Land Petroleum International Inc.	0.0%	-	118	-	93	-	74	28.1	-
Mistahiya Resources Ltd.	100.0%	-	118	-	93	-	74	1,231.6	47.5
MOGL Corp.	100.0%	-	118	-	93	-	74	278.1	229.2
Newalta Corporation	100.0%	-	118	-	93	-	74	424.2	12.0
Oneex Operations Partnership	100.0%	-	118	-	93	-	74	444.4	213.0
Petro-Reef Resources Ltd.	100.0%	-	118	-	93	-	74	6,205.3	4,464.6
Petroglobe Inc.	0.0%	-	118	-	93	-	74	0.7	-
Quatro Resources Inc.	100.0%	-	118	-	93	-	74	880.8	2,802.4
Ramparts Energy Ltd.	100.0%	-	118	-	93	-	74	128.6	367.8
Ranger Canyon Energy Inc.	100.0%	-	118	-	93	-	74	67.2	30.6
Regco Petroleums Ltd.	100.0%	-	118	-	93	-	74	1,587.6	113.8
Revive Energy Corp	100.0%	-	118	-	93	-	74	312.6	19.5
RIA Resources Corp.	100.0%	-	118	-	93	-	74	1,957.9	1,740.1
Rife Resources Ltd.	100.0%	-	118	-	93	-	74	1,207.2	433.5
Salvo Energy Corporation	100.0%	-	118	-	93	-	74	194.3	1,295.6
Sunrise Energy Ltd.	0.0%	-	118	-	93	-	74	22.9	-
Sutton Energy Ltd.	0.0%	-	118	-	93	-	74	0.6	-
TriOil Resources Ltd.	100.0%	-	118	-	93	-	74	378.9	102.8
Triton Energy Corp.	100.0%	-	118	-	93	-	74	106.2	14.5
Twin Butte Energy Ltd.	100.0%	-	118	-	93	-	74	1,910.8	339.8
Westhill Resources Limited	100.0%	-	118	-	93	-	74	1,073.3	5,406.7
Yoho Resources Inc.	100.0%	-	118	-	93	-	74	274.6	2,443.3
TOTALS FOR ST. ALBERT	**93.6%**	**97,579.1**		**77,462.6**		**20,116.5**		**6,044,698.5**	**1,533,322.0**

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.

FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
WAINWRIGHT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Husky Oil Operations Limited	66.4%	31,391.4	1	2,336.0	7	29,055.4	1	1,226,188.7	93,326.7
Canadian Natural Resources Limited	59.7%	21,619.0	2	726.2	12	20,892.8	2	331,394.2	53,656.7
Harvest Operations Corp.	82.3%	10,022.7	3	4,583.3	1	5,439.4	5	725,969.8	56,503.2
Talisman Energy Inc.	74.5%	9,441.6	4	4,047.1	2	5,394.5	6	657,495.3	37,089.1
Devon Canada	75.7%	9,294.0	5	-	61	9,294.0	3	340,566.8	38,287.0
Bonavista Petroleum Ltd.	71.6%	6,548.5	6	1,080.4	10	5,468.1	4	148,984.3	23,094.3
Apache Canada Ltd.	78.0%	5,617.5	7	2,920.1	3	2,697.4	8	112,012.4	25,531.2
Penn West Petroleum Ltd.	84.4%	4,514.3	8	2,380.4	6	2,133.9	10	325,514.2	28,892.2
Nexen Inc.	70.0%	3,618.2	9	-	61	3,618.2	7	29,231.5	12,049.5
Zapata Energy Corporation	79.0%	2,581.6	10	2,579.3	4	2.3	51	66,436.9	12,290.8
Crescent Point General Partner Corp.	17.2%	2,575.6	11	2,520.7	5	54.9	24	40,040.5	3,111.0
Daylight Energy Ltd.	86.9%	2,399.5	12	114.2	26	2,285.3	9	115,863.1	18,281.9
Nuvista Energy Ltd.	77.1%	2,308.7	13	1,062.4	11	1,246.3	12	173,008.2	10,095.3
Canadian Forest Oil Ltd.	90.6%	1,992.4	14	170.5	25	1,821.9	11	38,434.1	21,224.9
Crescent Point Energy Corp.	43.7%	1,720.2	15	1,705.3	8	14.9	41	39,095.2	3,055.0
Second Wave Petroleum Inc.	92.1%	1,089.3	16	1,089.3	9	-	62	19,364.1	13,711.3
Enermark Inc.	92.3%	1,069.1	17	664.4	13	404.7	17	260,939.3	13,917.1
Pengrowth Corporation	95.7%	992.2	18	12.4	46	979.8	13	101,531.6	23,084.8
Enterra Energy Corp.	86.1%	753.7	19	595.8	15	157.9	20	71,678.0	5,436.1
Provident Energy Ltd.	89.1%	620.7	20	440.3	18	180.4	18	70,102.2	5,697.5
Rock Energy Ltd.	70.3%	598.9	21	-	61	598.9	14	29,575.1	2,019.4
EOG Resources Canada Inc.	82.7%	597.3	22	597.3	14	-	62	4,773.2	3,449.5
Fairwest Energy Corporation	26.1%	505.1	23	462.0	17	43.1	28	7,210.5	683.7
Arsenal Energy Inc.	78.7%	492.7	24	491.8	16	0.9	57	37,577.2	2,313.4
Culane Energy Corp.	97.5%	468.4	25	53.9	36	414.5	16	54,217.6	18,545.3
Rock Energy Inc.	72.7%	447.7	26	23.5	43	424.2	15	25,993.6	1,637.2
Goldenkey Oil Inc.	0.0%	432.6	27	432.6	19	-	62	801.6	432.6
Breaker Energy Ltd.	89.3%	386.4	28	363.3	20	23.1	36	24,676.0	3,628.1
Encana Oil & Gas Partnership	94.6%	322.1	29	317.3	21	4.8	47	142,018.5	6,000.8
Twin Butte Energy Ltd.	94.0%	257.3	30	249.3	22	8.0	45	14,997.7	4,297.2
Zargon Oil & Gas Ltd.	94.2%	234.0	31	221.8	23	12.2	43	46,978.4	4,039.5
Verge Energy Corp.	86.3%	171.7	32	171.7	24	-	62	6,465.1	1,251.3
Action Energy Inc.	97.4%	171.1	33	1.0	57	170.1	19	14,080.9	6,498.1
Petrobakken Development Ltd.	97.0%	153.5	34	103.8	28	49.7	27	21,425.6	5,193.7
Baytex Energy Ltd.	40.4%	121.3	35	-	61	121.3	21	3,457.2	203.4

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
WAINWRIGHT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Serrano Energy Ltd.	0.0%	119.4	36	-	61	119.4	22	3,158.8	119.4
Kobi Resources Ltd.	92.9%	118.3	37	92.4	30	25.9	34	3,929.3	1,659.3
Cenovus Energy Inc.	72.1%	110.4	38	110.4	27	-	62	11,157.6	395.1
Artemis Exploration Inc.	77.8%	98.3	39	98.3	29	-	62	7,276.2	443.0
Great Plains Exploration Inc.	34.2%	92.2	40	-	61	92.2	23	2,103.8	140.2
Rife Resources Ltd.	96.5%	77.4	41	47.2	37	30.2	32	138,405.0	2,206.1
Hermes Energy Corp.	80.1%	74.7	42	74.7	31	-	62	3,886.4	376.1
Delphi Energy Corp.	94.2%	64.1	43	64.1	32	-	62	8,758.2	1,097.2
Mahalo Energy Ltd.	32.3%	64.0	44	64.0	33	-	62	980.8	94.6
Emerge Oil & Gas Inc.	80.2%	63.4	45	11.7	47	51.7	25	5,322.4	319.8
Cutpick Energy Inc.	83.8%	61.3	46	61.3	34	-	62	1,927.2	378.1
Creo Energy Ltd.	0.0%	54.1	47	54.1	35	-	62	596.9	54.1
Spade Resources Ltd.	0.0%	50.3	48	-	61	50.3	26	562.8	50.3
International Sovereign Energy Corp.	27.7%	46.9	49	46.9	38	-	62	1,248.6	64.9
Spry Energy Ltd.	0.0%	44.7	50	44.7	39	-	62	11,085.3	44.7
Sedna Oil And Gas Ltd.	34.8%	44.1	51	42.6	40	1.5	54	523.7	67.6
Galleon Energy Inc.	0.0%	38.4	52	-	61	38.4	29	874.0	38.4
Lift Resources Inc.	7.3%	37.9	53	11.0	48	26.9	33	1,640.8	40.9
Ceno Energy Limited	85.0%	34.0	54	-	61	34.0	30	2,164.3	226.1
Cabrerra Resources Ltd.	99.1%	33.0	55	15.7	45	17.3	39	2,694.3	3,790.2
Barcomp Petroleum Ltd.	0.0%	31.6	56	-	61	31.6	31	7,745.4	31.6
Avenir Operating Corp.	0.0%	27.5	57	25.6	42	1.9	52	1,534.0	27.5
EnCana Corporation	94.6%	26.3	58	26.0	41	0.3	59	11,862.0	484.2
Avalon Exploration Ltd.	0.0%	23.2	59	-	61	23.2	35	126.1	23.2
Iteration Energy Ltd.	92.4%	20.7	60	-	61	20.7	37	8,701.3	274.1
Crew Energy Inc.	99.5%	20.3	61	20.3	44	-	62	11,082.0	3,949.4
Ivory Energy Inc.	0.0%	19.6	62	-	61	19.6	38	184.9	19.6
Solara Exploration Ltd.	43.3%	16.1	63	-	61	16.1	40	5,001.9	28.4
Provident Acquisitions Inc.	96.5%	13.9	64	10.0	49	3.9	49	2,053.1	397.2
Taqa North Ltd.	97.5%	13.3	65	-	61	13.3	42	8,498.8	532.7
Palliser Oil & Gas Corporation	9.9%	10.0	66	-	61	10.0	44	128.9	11.1
Venturion Natural Resources Limited	99.9%	9.9	67	9.9	50	-	62	30,389.0	10,156.0
Jaco Energy Limited	76.7%	9.6	68	8.4	52	1.2	55	1,898.1	41.2
Gentry Resources Ltd.	0.0%	9.2	69	9.2	51	-	62	83.1	9.2
Nordic Oil & Gas Ltd.	0.0%	6.9	70	6.9	53	-	62	2,912.4	6.9

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
WAINWRIGHT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Paramount Energy Operating Corp.	99.8%	6.9	70	6.9	53	-	62	15,030.8	3,042.3
ConocoPhillips Canada (BRC) Partnership	99.9%	6.3	71	6.3	54	-	62	41,601.8	7,486.6
Taku Gas Limited	97.9%	5.6	72	-	61	5.6	46	7,783.0	272.3
T & E Oils Ltd.	56.6%	5.3	73	5.3	55	-	62	1,089.0	12.2
Advantage Oil & Gas Ltd.	83.9%	4.5	74	4.5	56	-	62	328.6	28.0
Diaz Resources Ltd.	0.0%	4.5	74	-	61	4.5	48	2,272.3	4.5
New Century Petroleum Corporation	95.6%	2.4	75	-	61	2.4	50	6,478.9	54.0
Border Petroleum Inc.	0.0%	1.8	76	-	61	1.8	53	93.0	1.8
Grand Rapids Petroleum Ltd.	0.0%	1.2	77	-	61	1.2	55	762.4	1.2
Teague Exploration Inc.	94.3%	1.2	77	-	61	1.2	55	2,465.6	21.1
NAL Resources Limited	99.0%	1.1	78	-	61	1.1	56	64.6	111.1
Result Energy Inc.	0.0%	0.6	79	0.6	58	-	62	35.8	0.6
Hawk Exploration Ltd.	100.0%	0.4	80	0.4	59	-	62	4,159.8	1,301.5
Seffian Petroleums Ltd.	0.0%	0.4	80	-	61	0.4	58	143.5	0.4
Emm Energy Inc.	0.0%	0.3	81	-	61	0.3	59	636.8	0.3
Apex Energy (Canada) Inc.	98.3%	0.2	82	0.2	60	-	62	57.9	11.9
Waseca Energy Inc.	0.0%	0.2	82	-	61	0.2	60	120.8	0.2
Caltex Energy Inc.	0.0%	0.1	83	-	61	0.1	61	291.0	0.1
1476697 Alberta Ltd.	0.0%	-	84	-	61	-	62	25.4	-
Altacanada Energy Partnership	100.0%	-	84	-	61	-	62	214.0	192.0
Black Bore Exploration Ltd.	100.0%	-	84	-	61	-	62	59.0	7.3
Blackhawk Resource Operating Corp.	100.0%	-	84	-	61	-	62	221.6	3.9
Brahma Resources Ltd.	100.0%	-	84	-	61	-	62	6,803.5	402.8
Cascade Resources Inc.	100.0%	-	84	-	61	-	62	124.4	16.1
Churchill Energy Inc.	100.0%	-	84	-	61	-	62	180.3	174.5
Direct Energy Marketing Limited	0.0%	-	84	-	61	-	62	41.2	-
First West Petroleum Inc.	0.0%	-	84	-	61	-	62	17.1	-
Five O Oil & Gas Ltd.	100.0%	-	84	-	61	-	62	230.3	3.3
Fox Creek Petroleum Corp.	100.0%	-	84	-	61	-	62	857.6	184.1
Halvar Resources Ltd.	100.0%	-	84	-	61	-	62	10,292.4	146.6
Interquest Incorporated	100.0%	-	84	-	61	-	62	52.8	0.1
Lockwood Resources Ltd.	100.0%	-	84	-	61	-	62	-	991.2
Mooncor Energy Inc.	100.0%	-	84	-	61	-	62	168.0	12.6
Newpact Energy Corp.	0.0%	-	84	-	61	-	62	7.5	-
Northern Utilities (Sask.) Ltd.	100.0%	-	84	-	61	-	62	250.8	0.1

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FIELD CENTRE RANKING OF OPERATORS - 2009 FLARED + VENTED VOLUME[1]
WAINWRIGHT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 28, 2010

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Omers Energy Inc.	100.0%	-	84	-	61	-	62	2.7	38.7
Pavilion Energy Corp.	100.0%	-	84	-	61	-	62	4,113.7	38.0
Pennine Petroleum Corporation	100.0%	-	84	-	61	-	62	803.9	2.3
Petrobank Energy and Resources Ltd.	100.0%	-	84	-	61	-	62	2,392.5	6,048.6
Sahara Energy Ltd.	100.0%	-	84	-	61	-	62	2,580.6	77.8
Signalta Resources Limited	100.0%	-	84	-	61	-	62	82.0	235.6
Silverback Energy Ltd.	100.0%	-	84	-	61	-	62	544.6	774.3
Triton Energy Corp.	100.0%	-	84	-	61	-	62	1,008.0	562.4
Unicorn Agri-Oil Ltd.	100.0%	-	84	-	61	-	62	337.9	10.3
Vertex Oil & Gas Ltd.	100.0%	-	84	-	61	-	62	200.2	15.5
Western Plains Petroleum Ltd.	100.0%	-	84	-	61	-	62	1,021.0	46.8
TOTALS FOR WAINRIGHT	**79.1%**	**127,158.3**		**33,497.0**		**93,661.3**		**5,744,644.6**	**608,462.2**

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